SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Panel: Aluminum Sheet (2) bonded to Aluminum Honeycomb Core
PRODUCT CODES: 
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898  WEBSITE: www.primepanels.com
FAX PHONE: 217-789-7897  EMAIL: info@primepanels.com

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:

Material: Aluminum sheet – painted or unpainted; Aluminum honeycomb; Structural adhesive(s)

These panels consist of painted or unpainted aluminum sheets laminated to an aluminum honeycomb core using structural adhesive(s)

Exposure Limits: Aluminum (CAS# 7429-905):

- OSHA TWA: 5 mg/m^3 (respirable particulate)
- OSHA TWA: 15 mg/m^3 (total particulate)
- ACGIH TWA: 10 mg/m^3 (metal particulate)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS

EYES: Irritation, itching

SKIN: Irritation, itching

INGESTION: Not a likely route of exposure

INHALATION: Irritation

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditions (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

CARCINOGENICITY

OSHA:  
OSHA:  
NTP:  
IARC:  
OTHER: None known

PAGE 1 OF 3
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

SECTION 3 NOTES: Component manufacturer's Material Safety Data Sheets contain no OSHA, NTP, or IARC recognized carcinogens.

SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A
F:
C:

METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A
F:
C:

NFPA HAZARD CLASSIFICATION
HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

OTHER: N/A

EXTINGUISHING MEDIA: Suitable for surrounding materials

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of metal dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: In event of fire, metal fumes, oxides of metal, oxides of carbon, and other potentially hazardous decomposition products may be produced. The panels themselves are non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

PAGE 2 OF 3
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Painted or unpainted aluminum panels
PHYSICAL STATE: Solid
ODOR: N/A

MELTING POINT: F: > 1094 C: > 590 (aluminum)

SPECIFIC GRAVITY (H2O = 1): 2.5 – 2.8 (aluminum)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100 PERCENT VOLATILE: BY WT/ BY VOL @ N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

DISCLAIMER: This Material Safety Data Sheet meets the information requirements of the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200 (g), and 40 CFR, part 372. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any responsibility or warranty, expressed or implied, regarding the accuracy or correctness of that information. The conditions or methods of handling, storage, use and disposal of the product are beyond our knowledge. For this and other reasons, we do not assume responsibility, and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

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MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated
MSDS DATE: 07/28/2006

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:
Panel: Aluminum Sheet (2) bonded to Expanded Polystyrene (EPS) or Extruded Polystyrene (XEPS) or Polyisocyanurate or Polyurethane Foam Core

PRODUCT CODES:
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
FAX PHONE: 217-789-7897
WEBSITE: www.primepanels.com
EMAIL: info@primepanels.com

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:
Material: Aluminum sheet – painted or unpainted; EPS or XEPS; Structural adhesive(s)

These panels consist of painted or unpainted aluminum sheets laminated to an EPS or XEPS core using structural adhesive(s)

Exposure Limits: Aluminum (CAS# 7429-90-5):

OSHA TWA: 5 mg/m3 (respirable particulate)
OSHA TWA: 15 mg/m3 (total particulate)
ACGIH TWA: 10 mg/m3 (metal particulate)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching
SKIN: Irritation, itching
INGESTION: Not a likely route of exposure
INHALATION: Irritation

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditions (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

CARCINOGENICITY
OSHA: OSHA: NTP: IARC: OTHER: None known

SECTION 3 NOTES: Component manufacturer’s Material Safety Data Sheets contain no OSHA, NTP, or IARC recognized carcinogens.

SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A
F: C:

AUTOIGNITION TEMPERATURE: N/A

NFPA HAZARD CLASSIFICATION
HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0
OTHER: N/A

EXTINGUISHING MEDIA: Suitable for surrounding materials

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of metal dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: In event of fire, metal fumes, oxides of metal, oxides of carbon, and other potentially hazardous decomposition products may be produced. The panels themselves are non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Painted or unpainted aluminum panels   PHYSICAL STATE: Solid   ODOR: N/A

MELTING POINT: F: > 1094   C: > 590 (aluminum)

SPECIFIC GRAVITY (H2O = 1): 2.5 – 2.8 (aluminum)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100   PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Panel: Aluminum Sheet (2) bonded to Fluted Polypropylene Core
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707
EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
FAX PHONE: 217-789-7897
CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A
PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review
SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:

Material: Aluminum sheet – painted or unpainted; Fluted polypropylene; Structural adhesive(s)
These panels consist of painted or unpainted aluminum sheets laminated to a fluted polypropylene core using structural adhesive(s)

Exposure Limits: Aluminum (CAS# 7429-90-5):

OSHA TWA: 5 mg/m³ (respirable particulate)
OSHA TWA: 15 mg/m³ (total particulate)
ACGIH TWA: 10 mg/m³ (metal particulate)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching
SKIN: Irritation, itching
INGESTION: Not a likely route of exposure
INHALATION: Irritation

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditons (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

CARCINOGENICITY
OSHA: OSHA: NTP: IARC: OTHER: None known
SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
   (% BY VOLUME)  LOWER: N/A

FLASH POINT: N/A
   F:  
   C:  

METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A
   F:  
   C:  

NFPA HAZARD CLASSIFICATION
   HEALTH:  1   FLAMMABILITY:  1   REACTIVITY:  0
   OTHER: N/A

EXTINGUISHING MEDIA: Suitable for surrounding materials

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of metal dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: In event of fire, metal fumes, oxides of metal, oxides of carbon, and other potentially hazardous decomposition products may be produced. The panels themselves are non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Painted or unpainted aluminum panels

PHYSICAL STATE: Solid

ODOR: N/A

MELTING POINT: F: > 1094
C: > 590 (aluminum)

SPECIFIC GRAVITY (H2O = 1): 2.5 - 2.8 (aluminum)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100
PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Panel: Aluminum Sheet (2) bonded to Gypsum Board
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC - USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC - USA)
OTHER CALLS: (800) 950-3458 or (217) 789-7898
FAX PHONE: 217-789-7897
WEBSITE: www.primepanels.com
EMAIL: info@primepanels.com

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:
Material: Aluminum sheet – painted or unpainted; Gypsum Board; Structural adhesive(s)

These panels consist of painted or unpainted aluminum sheets laminated to a gypsum board core using structural adhesive(s)

Exposure Limits: Aluminum (CAS# 7429-90-5):

OSHA TWA: 5 mg/m3 (respirable particulate)
OSHA TWA: 15 mg/m3 (total particulate)
ACGIH TWA: 10 mg/m3 (metal particulate)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching
SKIN: Irritation, itching
INGESTION: Not a likely route of exposure
INHALATION: Irritation

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory condititons (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

CARCINOGENICITY
OSHA: OSHA: NTP: IARC: OTHER: None known
SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A (% BY VOLUME) LOWER: N/A

FLASH POINT: N/A

F:

C:

METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

OTHER: N/A

EXTINGUISHING MEDIA: Suitable for surrounding materials

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of metal dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: In event of fire, metal fumes, oxides of metal, oxides of carbon, and other potentially hazardous decomposition products may be produced. The panels themselves are non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below a minimum 5 mg/m3 respirable nuisance dust.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Painted or unpainted aluminum panels  PHYSICAL STATE: Solid  ODOR: N/A

MELTING POINT:  F: > 1094  C: > 590 (aluminum)

SPECIFIC GRAVITY (H2O = 1): 2.5 – 2.8 (aluminum)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100  PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier's / manufacturer's MSDS's state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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MATERIAL SAFETY DATA SHEET  
Prime Panels, Incorporated  
MSDS DATE: 07/28/2006

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:  
Panel: Aluminum Sheet (2) bonded to Plywood or Oriented Strand Board (OSB) Core

PRODUCT CODES:  
MANUFACTURER:  
Prime Panels Incorporated  
DIVISION:  Sales & Marketing  
ADDRESS:  2651 Colt Road  
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)  
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)  
OTHER CALLS: (800) 990-3468 or (217) 789-7898  
WEBSITE: www.primepanels.com  
FAX PHONE: 217-789-7897  
EMAIL: info@primepanels.com

CHEMICAL NAME: N/A  
CHEMICAL FAMILY: N/A  
CHEMICAL FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.  
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:
Material: Aluminum sheet – painted or unpainted; Plywood or OSB; Structural adhesive(s)

These panels consist of painted or unpainted aluminum sheets laminated to a plywood or oriented strand board (OSB) core using structural adhesive(s)

EXPOSURE LIMITS:

OSHA TWA: 5 mg/m3 (respirable particulate) - Aluminum (CAS# 7429-90-5) and; wood dust  
OSHA TWA: 15 mg/m3 (total particulate) - Aluminum (CAS# 7429-90-5) and wood dust  
ACGIH TWA: 10 mg/m3 (metal particulate) - Aluminum (CAS# 7429-90-5); N/A (wood dust)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching

SKIN: Irritation, itching (Aluminum or wood dust and particulates)

INGESTION: Not a likely route of exposure

INHALATION: Irritation (Aluminum or wood dust and particulates). Avoid prolonged or repeated breathing of wood dust in air. Allergic response is possible.

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditions (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

PAGE 1 OF 3
CARCINOGENICITY
OSHA: OSHA NTP: IARC: OTHER: None known

SECTION 3 NOTES: Component manufacturer’s Material Safety Data Sheets contain no OSHA, NTP, or IARC recognized carcinogens.

SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: N/A

NFPA HAZARD CLASSIFICATION
HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0
OTHER: N/A

EXTINGUISHING MEDIA: Suitable for surrounding materials

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of metal dust and/or sawdust, which may present an explosion hazard if a dust cloud contacts an ignition source. Wood dust represents a severe explosion hazard if a “cloud” of dust contacts an ignition source. Partially burned dust is especially hazardous if dispersed in air. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: In event of fire, metal fumes, oxides of metal, oxides of carbon, and other potentially hazardous decomposition products may be produced. The panels themselves are non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Painted or unpainted aluminum panels
PHYSICAL STATE: Solid
ODOR: N/A

MELTING POINT: F: > 1094
C: > 590 (aluminum)

SPECIFIC GRAVITY (H2O = 1): 2.5 – 2.8 (aluminum)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100
PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSRA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

DISCLAIMER: This Material Safety Data Sheet meets the information requirements of the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200 (g), and 40 CFR, part 372. The information in this MSADS was obtained from sources which we believe are reliable. However, the information is provided without any responsibility or warranty, expressed or implied, regarding the accuracy or correctness of that information. The conditions or methods of handling, storage, use and disposal of the product are beyond our knowledge. For this and other reasons, we do not assume responsibility, and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Panel: Expanded Polystyrene (EPS) Foam
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
WEBSITE: www.primepanels.com
FAX PHONE: 217-789-7897
EMAIL: info@primepanels.com

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: Polystyrene (CAS# 9003-53-6), pentane (blowing agent) (CAS# 109-66-0)

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:

Material: Expanded Polystyrene (EPS) Foam

These panels consist of EPS material in sheet form

Exposure Limits:
OSHA TWA:
OSHA TWA:
ACGIH TWA:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS

EYES: Irritation, itching
SKIN: Irritation, itching. Not expected to present a significant skin hazard under anticipated conditions of normal use.

INGESTION: Not a likely route of exposure. Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

INHALATION: Irritation. When material is cut using hot wire devices, carbon monoxide (50 ppm TWA) and black smoke may be produced. Avoid breathing smoke. Use of local ventilation or NIOSH approved high efficiency particulate filter respirator is recommended for prolonged exposure.

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory condititons (i.e., asthma) may be aggravated by exposure to particulates, dust, smoke etc.

CARCINOGENICITY
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

OSHA: IARC: OTHER: None known

SECTION 3 NOTES: Component manufacturer's Material Safety Data Sheets contain no OSHA, NTP, or IARC recognized carcinogens.

SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME)  LOWER: N/A

FLASH POINT: N/A  AUTOIGNITION TEMPERATURE: N/A

METHOD USED: N/A

NFPA HAZARD CLASSIFICATION
HEALTH: 0  FLAMMABILITY: 1  REACTIVITY: 0
OTHER: N/A

EXTINGUISHING MEDIA: Dry chemical, CO2 (carbon dioxide), water fog, foam

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter fire without proper protection such as turn-out gear and supplied air respirators.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat from fire will melt foam and may produce dense black smoke consisting mostly of soot, carbon monoxide, carbon dioxide, and water. Dense smoke may obstruct vision.

HAZARDOUS DECOMPOSITION PRODUCTS: In event of fire, carbon monoxide, carbon dioxide and other toxic fumes may be present.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep / shovel into suitable disposal container.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary. Good industrial hygiene should be practiced. Good general ventilation is sufficient for most conditions, Use eye protection.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles, safety glasses.

SKIN PROTECTION: Work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: EPS panels       PHYSICAL STATE: Solid       ODOR: No odor

MELTING POINT:  F:  C:  (Not available)

SPECIFIC GRAVITY (H2O = 1): 0.016

SOLUBILITY IN WATER: Insoluble

PERCENT SOLIDS BY WEIGHT: 100       PERCENT VOLATILE: BY WT/  BY VOL:  N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids and bases, oxidizing materials. May be incompatible with some organic solvents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier's / manufacturer's MSDS's state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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PAGE 3 OF 3
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:
Panel: Fluted Polypropylene bonded to Plywood

PRODUCT CODES:
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
FAX PHONE: 217-789-7897

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:
Material: Fluted polypropylene; Plywood; Structural adhesive(s)

These panels consist of painted or unpainted fluted polypropylene sheets laminated to a plywood or oriented strand board (OSB) core using structural adhesive(s)

Exposure Limits: Polypropylene (CAS# 9003-07-0):

OSHA TWA: Not established
ACGIH TWA: Not established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching
SKIN: Irritation, itching (Polypropylene dust, wood dust and particulates)
INGESTION: Not a likely route of exposure
INHALATION: Irritation (Polypropylene or wood dust and particulates). Avoid prolonged or repeated breathing of wood dust in air. Allergenic response is possible.

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditions (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.
SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
   (% BY VOLUME) LOWER: N/A

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: N/A

NFPA HAZARD CLASSIFICATION
   HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: N/A

EXTINGUISHING MEDIA: Suitable for surrounding materials

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of particulates and/or sawdust, which may present an explosion hazard if a dust cloud contacts an ignition source. Wood dust represents a severe explosion hazard if a "cloud" of dust contacts an ignition source. Partially burned dust is especially hazardous if dispersed in air. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce CO, CO2, and other hazardous byproducts. The panels themselves are non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Corrugated (fluted) building panels – various colors

PHYSICAL STATE: Solid

ODOR: N/A

MELTING POINT: (Polypropylene) F: 320 C: > 160

SPECIFIC GRAVITY (H2O = 1): 0.908 (Polypropylene)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100

PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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Panel: Fiberglass Reinforced Plastic bonded to Expanded Polystyrene (EPS) Core

PRODUCT NAME:

Prime Panels Incorporated

MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
WEBSITE: www.primepanels.com
EMAIL: info@primepanels.com

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:

Material: Fiberglass-reinforced plastic (FRP); EPS; Structural adhesive(s)

These panels consist fiberglass-reinforced plastic (FRP) laminated to an EPS core using structural adhesive(s)

EXPOSURE LIMITS:

OSHA TWA: N/A
ACGIH TWA: N/A

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS

- EYES: Irritation, itching (dust, particulates)
- SKIN: Irritation, itching (dust, particulates)
- INGESTION: Not a likely route of exposure
- INHALATION: Irritation (dust, particulates)

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory condiditons (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

CARCINOGENICITY
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated
OSHA: OSHA: NTP: IARC: OTHER: None known
MSDS DATE: 07/28/2006

SECTION 3 NOTES: Component manufacturer's Material Safety Data Sheets contain no OSHA, NTP, or IARC recognized carcinogens.

SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A (% BY VOLUME)
LOWER: N/A

FLASH POINT:
F: 610 (minimum by ASTM D 1929)

AUTOIGNITION TEMPERATURE: Typically 650F or higher for FRP panels; 850F minimum for EPS

NFPA HAZARD CLASSIFICATION
HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0
OTHER: N/A

EXTINGUISHING MEDIA: Water, CO2, dry chemicals

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce soot, CO, CO2, and other hazardous byproducts.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Protective work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Building panels – various colors  PHYSICAL STATE: Solid  ODOR: N/A
MELTING POINT: EPS softens at 175 – 220F
SPECIFIC GRAVITY (H2O = 1): 1.2 – 1.8 (FRP)
SOLUBILITY IN WATER: N/A
PERCENT SOLIDS BY WEIGHT: 100  PERCENT VOLATILE: BY WT/ BY VOL: N/A
VOCALTE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY
Stability: Product is stable
CONDITIONS TO AVOID (STABILITY): N/A
INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION
TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION
ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS
WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION
U.S. DEPARTMENT OF TRANSPORTATION
NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION
U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier's / manufacturer's MSDS's state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION
OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Panel: Fluted Polypropylene bonded to Fiberglass Reinforced Plastic
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707
EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
WEBSITE: www.primepanels.com
EMAIL: info@primepanels.com

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:
Material: Fluted polypropylene; Fiberglass-reinforced plastic; Structural adhesive(s)
These panels consist of fluted polypropylene sheets laminated to a fiberglass-reinforced plastic (FRP) panel using structural adhesive(s)

Exposure Limits: Polypropylene (CAS# 9003-07-0):

OSHA TWA: Not established
ACGIH TWA: Not established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching (dust, particulates)
SKIN: Irritation, itching (dust, particulates)
INGESTION: Not a likely route of exposure
INHALATION: Irritation (dust, particulates)

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory condititions (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

CARCINOGENICITY
OSHA: 
OSHA: 
NTP: 
IARC: 
OTHER: None known
SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
   (% BY VOLUME)           LOWER: N/A

FLASH POINT:
   F:  > 624 (Polypropylene)
   C:  > 329 (Polypropylene)

METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A
   F:  
   C:  

NFPA HAZARD CLASSIFICATION
   HEALTH:  1          FLAMMABILITY: 1          REACTIVITY: 0
   OTHER:  N/A

EXTINGUISHING MEDIA: Halogenated agents (Halon), foam, steam, water fog

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce CO, CO2, and other hazardous byproducts. The panels themselves are non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Protective work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated
MSDS DATE: 07/28/2006

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Corrugated (fluted) building panels – various colors  PHYSICAL STATE: Solid  ODOR: N/A

MELTING POINT: (Polypropylene)  F: 320  C: > 160

SPECIFIC GRAVITY (H2O = 1): 0.908 (Polypropylene)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100  PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier's / manufacturer's MSDS's state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

DISCLAIMER: This Material Safety Data Sheet meets the information requirements of the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200 (g), and 40 CFR, part 372. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any responsibility or warranty, expressed or implied, regarding the accuracy or correctness of that information. The conditions or methods of handling, storage, use and disposal of the product are beyond our knowledge. For this and other reasons, we do not assume responsibility, and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Panel: Fiberglass Reinforced Plastic bonded to Gypsum Board
PRODUCT CODES: 
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 
2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
FAX PHONE: 217-789-7897
WEBSITE: www.primepanels.com
EMAIL: info@primepanels.com

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:
Material: Fiberglass-reinforced plastic (FRP); gypsum Board; Structural adhesive(s)

These panels consist fiberglass-reinforced plastic (FRP) laminated to a gypsum board core using structural adhesive(s)

Exposure Limits:
OSHA TWA: 5 mg/m³ PEL (respirable particulate) - wood dust / nuisance dust
ACGIH TWA: N/A (wood dust)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching (dust, particulates)
SKIN: Irritation, itching (dust, particulates)
INGESTION: Not a likely route of exposure
INHALATION: Irritation (dust, particulates)

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiritory conditions (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

CARCINOGENICITY
OSHA: 
NTP: 
IARC: 
OTHER: None known

PAGE 1 OF 3
SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
   (% BY VOLUME) LOWER: N/A

FLASH POINT:
   F: N/A
   C: N/A

AUTOIGNITON TEMPERATURE: Typically 650F or higher for FRP panels

NFPA HAZARD CLASSIFICATION
   HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0
   OTHER: N/A

EXTINGUISHING MEDIA: Water, CO2, dry chemicals

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce CO, CO2, and other hazardous byproducts.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below 5mg/m3 respirable nuisance dust.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Protective work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A
APPEARANCE: Building panels – various colors

MELTING POINT: (Polypropylene) F: 320 C: > 160

SPECIFIC GRAVITY (H2O = 1): 1.2 – 1.8 (FRP)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100

PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOC (VOLATILE ORGANIC COMPOUNDS): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Panel: Fiberglass Reinforced Plastic bonded to Plywood
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707
EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
FAX PHONE: 217-789-7897
CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A
PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:
Material: Fiberglass-reinforced plastic (FRP); Plywood; Structural adhesive(s)
These panels consist fiberglass-reinforced plastic (FRP) laminated to a plywood panel using structural adhesive(s)

Exposure Limits:
OSHA TWA: 5 mg/m3 PEL (respirable particulate) - wood dust
ACGIH TWA: N/A (wood dust)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching (dust, particulates)
SKIN: Irritation, itching (dust, particulates)
INGESTION: Not a likely route of exposure
INHALATION: Irritation (dust, particulates)

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditions (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

CARCINOGENICITY
OSHA: OSHA: NTP: IARC: OTHER: None known
SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A (% BY VOLUME)
LOWER: N/A

FLASH POINT:
F: N/A
C: N/A

AUTOIGNITION TEMPERATURE: Typically 650°F or higher for FRP panels

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0
OTHER: N/A

EXTINGUISHING MEDIA: Water, CO₂, dry chemicals

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce CO, CO₂, and other hazardous byproducts.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Protective work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

SECTION 5: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Building panels – various colors

PHYSICAL STATE: Solid

ODOR: N/A

MELTING POINT: (Polypropylene) F: 320 C: > 160

SPECIFIC GRAVITY (H2O = 1): 1.2 – 1.8 (FRP)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100

PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated
MSDS DATE: 02/21/2009

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Panel: Fiberglass Reinforced Plastic (FRP)
PRODUCT CODES:
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
WEBSITE: www.primepanels.com
FAX PHONE: 217-789-7897
EMAIL: info@primepanels.com

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: Panels are solid sheets composed of polyester resin, inorganic fillers, pigments, processing additives and fiberglass reinforcement. This material is cured or hardened into a stable, solid material that is non-hazardous when handled or processed in accordance with good manufacturing and industrial hygiene practices.

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:
Material: Fiberglass-reinforced plastic (FRP)

These panels consist of fiberglass-reinforced plastic (FRP) in sheet form

Exposure Limits:
OSHA TWA: Not established
ACGIH TWA: Not established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching (Dust, particulates)
SKIN: Irritation, itching (Dust, particulates)

INGESTION: Not a likely route of exposure. Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

INHALATION: Irritation (Dust, particulates)

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditions (i.e., asthma) or pre-existing skin disorders may be aggravated by exposure to particulates, dust etc.

CARCINOGENICITY
OSHA: OSHA: NTP: IARC: OTHER: None known
SECTION 3 NOTES: Component manufacturer's Material Safety Data Sheets contain no OSHA, NTP, or IARC recognized carcinogens.

SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water for 15 minutes or more. Seek medical attention if irritation persists.

SKIN: Remove contaminated clothing. Wash skin with soap and warm water. Seek medical attention if irritation persists.

INGESTION OF DUST: Do not induce vomiting. Seek medical attention.

INHALATION: Remove to fresh air. Ensure clear airway. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A METHOD USED: N/A

AUTOIGNITION TEMPERATURE: Typically 650F or higher for FRP panels

NFPA HAZARD CLASSIFICATION
HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0
OTHER: N/A

EXTINGUISHING MEDIA: Dry chemical, CO2 (carbon dioxide), water

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use adequate ventilation to maintain dust levels below applicable exposure limits (OSHA TWA 15 mg/m3 (total dust) and TWA 5 mg/m3 (respirable particulates)).

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce carbon monoxide, carbon dioxide and other hazardous byproducts. The panels themselves are non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, machining, etc. and place in suitable disposal container.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store away from heat, open flame, other ignition sources and incompatible materials (see Section 10).

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: Cover nose and mouth with NIOSH/OSHA approved mask when sawing, machining, cutting etc.

EYE PROTECTION: Work goggles, safety glasses when sawing, machining, cutting etc..

SKIN PROTECTION: Protective work gloves, long pants and long sleeves when sawing, machining, cutting etc.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Wash exposed skin and hands with soap and water after handling panels and before eating, smoking or using toilet facilities. Wash dusty work clothes separately.

EXPOSURE GUIDELINES: N/A
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Rigid sheets – various colors

PHYSICAL STATE: Solid

ODOR: No significant odor

MELTING POINT: F: C: (Not available)

SPECIFIC GRAVITY (H2O = 1): 1.2 – 1.8

SOLUBILITY IN WATER: Insoluble

PERCENT SOLIDS BY WEIGHT: 100

PERCENT VOLATILE: By WT/By VOL: Not applicable

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable under normal work conditions

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Mineral acids, strong bases, oxidizing materials.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of as solid waste according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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PAGE 3 OF 3
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Panel: Medium-Density Fiberboard
Panel: Medium-Density Fiberboard bonded to Expanded Polystyrene (EPS) Laminate

PRODUCT CODES:

MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
FAX PHONE: 217-789-7897

WEBSITE: www.primepanels.com
EMAIL: info@primepanels.com

CHEMICAL NAME/ CHEMICAL FAMILY/ CHEMICAL FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMponent:

Material: Fiberboard – medium density
Fiberboard – medium density bonded to EPS laminate with structural adhesives

These panels consist of primarily medium-density fiberboard. This product contains <0.1 % formaldehyde by weight.

Exposure Limits: Formaldehyde (CAS# 50-00-0)
OSHA PEL-TWA: 0.75 ppm  PEL-STEL: 2 ppm
ACGIH: TLV-Ceiling: 0.3 ppm (Based on sensory exposure)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES: Irritation, itching
SKIN: Irritation, itching
INGESTION: Not a likely route of exposure
INHALATION: Irritation

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: See Section 11 for toxicology data for this product

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditions or allergies (i.e., asthma) may be aggravated by exposure to formaldehyde, particulates, wood dust, etc.

CARCINOGENICITY LISTINGS:

1. Wood dust
2. Formaldehyde
   OSHA: Formaldehyde (gas)       NTP: Reasonably anticipated to be a Human Carcinogen
carcinogenic to humans            OTHER: N/A
   IARC: Group 2A – Probably

SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR: UPPER: N/A    LOWER: Wood dust: 40 grams per cubic meter of air (40g/m3)

FLASH POINT: N/A     METHOD USED: N/A
    F:
    C:

AUTOIGNITION TEMPERATURE:
    F: 425 – 475
    C:

NFPA HAZARD CLASSIFICATION (Scale 0-4)
    HEALTH: 0          FLAMMABILITY: 1       REACTIVITY: 0
    OTHER: N/A

EXTINGUISHING MEDIA: Water spray, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Standard fire-fighting techniques for wood products

UNUSUAL FIRE AND EXPLOSION HAZARDS: Medium-density fiberboard is not an explosion hazard. Sawing, sanding or machining panels could result in production of wood dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal and/or thermal-oxidative decomposition can produce irritating and toxic fumes and gases, including carbon monoxide, aldehydes and organic acids, as well as smoke, soot and particulates.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Not applicable for product in purchased form. Sweep or vacuum up dust from sawing, sanding, etc. for recovery or disposal. Wood dust clean-up and disposal activities should be accomplished in a manner that minimizes creation of airborne dust.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Provide adequate ventilation to reduce the possible build-up of formaldehyde vapors. Avoid excessive heat and humidity to minimize the potential for formaldehyde vapor formation.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Due the possibility of explosion due to the production of wood dust during sawing, sanding, drilling or routing of this product, precautions should be taken to prevent sparks or other ignitions sources in ventilation equipment. Use of totally enclosed motors is recommended. Provide local exhaust as necessary to meet OSHA requirements for formaldehyde and wood dust exposure.
VENTILATION: Provide ventilation adequate to maintain wood dust and formaldehyde levels below applicable exposure limits.

RESPIRATORY PROTECTION: wear NIOSH/MSHA approved respirator when the permissible exposure limits for wood dust and formaldehyde may be exceeded.

EYE PROTECTION: Recommend goggles or safety glasses as indicated during sawing, sanding, drilling or machining wood products.

SKIN PROTECTION: Work gloves and other protective clothing to prevent skin contact, and to protect from possible sharp edges of panels.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: See Section 2 for applicable exposure limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Coated or uncoated fiberboard panels

PHYSICAL STATE: Solid

ODOR: N/A

MELTING POINT: F: C: N/A

SPECIFIC GRAVITY (H2O = 1): N/A

SOLUBILITY IN WATER: Insoluble

PERCENT SOLIDS BY WEIGHT: 100

PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): High temperature and relative humidity increase the rate of emission of formaldehyde from medium-density fiberboard.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Wood dust (softwood or hardwood): OSHA Hazard Rating: 3.3; moderately toxic with probable oral ld50 dose to humans being 0.5 – 5 g/kg (about 1 pound for a 70 kg (150 lb.) person. Source: OSHA regulated Hazardous Substances, Government Institutes, Inc. February 1990.

Wood dust – generated from sawing, sanding, etc. the wood – may cause nasal dryness, irritation, coughing and sinusitis. NTP and IARC classify wood dust as a human carcinogen (IARC Group 1). This classification is based primarily on increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. This evaluation did not find sufficient evidence to associate wood dust exposure with cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum.

Formaldehyde: OSHA Hazard Rating = 3 for local and systemic acute and chronic exposures; highly toxic. Irritation studies: human skin, 150 ug/3 days, intermittent exposure produced mild results; human eye, 1 ppm/6 minutes produced mild results. Toxicity studies: human inhalation, TCLO of 8 ppm reported, but response not specified; human inhalation TCLO of 17 mg/m3 for 30 minutes produced eye and pulmonary results; human inhalation TCLO of 300 ug/m3 produced nose and central nervous system results; LC50 (rat, inhalation) – 1,000 mg/m3, 30 minutes; LC50 (mouse, inhalation) – 400 mg/m3, 2 hours.

Exposure to gaseous formaldehyde may cause temporary irritation of the nose and throat as well as lead to respiratory disorders. However, in a comprehensive review of sensory/respiratory irritation studies of formaldehyde from the standpoint of occupational exposure, an expert panel has observed exposure up to 0.3 ppm failed to produce irritation. With regard to respiratory disorders,
MATERIAL SAFETY DATA SHEET

Prime Panels, Incorporated

studies have concluded the threshold for long-term chronic pulmonary effects is between 0.4 and 3 ppm and for chronic obstructive pulmonary disease is 2 ppm. Pre-existing respiratory disorders may be aggravated by exposure.

Epidemiology studies of workers exposed to formaldehyde have failed to to consistently identify an association between formaldehyde exposure and cancer. In animal studies, rats and mice exposed to to high levels of formaldehyde developed nasal cancers while hamsters did not. These exposure levels are far above those levels normally found in the workplace. Formaldehyde is listed by IARC as a probable human carcinogen (Group 2A). NTP included formaldehyde in the annual report on carcinogens. OSHA regulates formaldehyde as a potential carcinogen for exposures exceeding 0.5 ppm.


SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT) Inventory: Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:

Panel: Polyethylene bonded to Plywood or Oriented Strand Board (OSB) Core

PRODUCT CODES:

MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
WEBSITE: www.primepanels.com
EMAIL: info@primepanels.com
FAX PHONE: 217-789-7697

CHEMICAL NAME / FAMILY / FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:

Material: Polyethylene; Plywood; Oriented Strand Board (OSB); Structural adhesive(s)

These panels consist of painted or unpainted polyethylene sheets laminated to a plywood or oriented strand board (OSB) core using structural adhesive(s)

Exposure Limits: Polypethylene (CAS# 25087-34-7):

  OSHA TWA: Not established
  ACGIH TWA: Not established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS

  EYES: Irritation, itching

  SKIN: Irritation, itching (Polyethylene dust, wood dust and particulates)

  INGESTION: Not a likely route of exposure

  INHALATION: Irritation (Polyethylene or wood dust and particulates). Avoid prolonged or repeated breathing of wood dust in air. Allergic response is possible.

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditions (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

CARCINOGENICITY:
SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: 343C (649.4F) - Polyethylene

NFPA HAZARD CLASSIFICATION
  HEALTH: 1  FLAMMABILITY: 1  REACTIVITY: 0
  OTHER: N/A

EXTINGUISHING MEDIA: Suitable for surrounding materials

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of particulates and/or sawdust, which may present an explosion hazard if a dust cloud contacts an ignition source. Wood dust represents a severe explosion hazard if a "cloud" of dust contacts an ignition source. Partially burned dust is especially hazardous if dispersed in air. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce CO, CO2, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols, as well as soot. The panels themselves are non-flammable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: Work goggles.

SKIN PROTECTION: Work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.

EXPOSURE GUIDELINES: N/A
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Building panels – various colors

PHYSICAL STATE: Solid  ODOR: Faint, mild hydrocarbon odor (Polyethylene)

MELTING POINT: Not available

SPECIFIC GRAVITY (H2O = 1): Not available  RELATIVE DENSITY: 0.91 – 0.98 (Polyethylene)

SOLUBILITY IN WATER: Insoluble

PERCENT SOLIDS BY WEIGHT: 100  PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials, excessive heat, sparks or open flame

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: (Polyethylene) – POLYETHYLENE, OTHER THAN LIQUID

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Material: RTV Silicone Sealant
PRODUCT CODES:
MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7898
FAX PHONE: 217-789-7897

WEBSITE: www.primepanels.com
EMAIL: info@primepanels.com

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A

PRODUCT USE: Adhesive for building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:

Material: Silicone elastomer rubber sealant/adhesive

Ingredients identified as hazardous per OSHA (29 CFR 1910.1200):

<table>
<thead>
<tr>
<th>CAS number</th>
<th>Wi%</th>
<th>Component name</th>
</tr>
</thead>
<tbody>
<tr>
<td>4253-34-3</td>
<td>1.0 – 5.0</td>
<td>Methyltriaceoxysilane</td>
</tr>
<tr>
<td>17689-77-9</td>
<td>1.0 – 5.0</td>
<td>Ethyltriaceoxysilane</td>
</tr>
</tbody>
</table>

Exposure Limits:
OSHA TWA: OSHA TWA: ACGIH TWA:

SECTION 3: HAZARDS IDENTIFICATION

ACUTE HEALTH EFFECTS

EYES: Direct contact may cause moderate irritation

SKIN: May cause moderate irritation

INGESTION: Not a likely route of exposure

INHALATION: Very slightly Irritating to respiratory passages

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

SIGNS AND SYMPTOMS OF OVEREXPOSURE: None known

CARCINOGENICITY
OSHA: OSHA: NTP: IARC: OTHER: None known

SECTION 3 NOTES: Component manufacturer’s Material Safety Data Sheets contain no OSHA, NTP, or IARC recognized carcinogens.

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush with clean water for 15 minutes. Seek medical attention.

SKIN: Remove from skin and wash thoroughly with soap and water or waterless cleaner. Seek medical attention if irritation or other ill effects develop or persist.
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

INGESTION: Not a likely route of exposure. No oral first aid is necessary.

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: Not applicable

AUTOIGNITION TEMPERATURE: Not determined

METHOD USED: N/A

NFPA HAZARD CLASSIFICATION

HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 0
OTHER: N/A

EXTINGUISHING MEDIA: Large Fires: Dry chemical foam or water spray. Small Fires: Carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: In event of fire or very high heat conditions, oxides of carbon, incompletely burned carbon compounds, formaldehyde, silicon dioxide and other potentially hazardous decomposition products may be produced.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Wipe up or scrape up and contain for salvage or place in suitable container for disposal. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents or detergents. Dispose of saturated cleaning materials or absorbent appropriately, as spontaneous heating may occur. Local, state or federal regulations may apply to releases and disposal of this material, as well as those materials used in the cleanup of releases. Determine which regulations apply to your specific situation.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special storage precautions are necessary.

OTHER PRECAUTIONS: Use with adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide adequate ventilation to control exposure to within OSHA PEL guidelines: TWA 10 ppm and ACGIH TLV: TWA 10 ppm. STEL 15 ppm.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain acetic acid levels when exposed to water or humid air: OSHA PEL: TWA 10 ppm, ACGIH TLV: TWA 10 ppm, STEL 15 ppm

RESPIRATORY PROTECTION: None should be needed

EYE PROTECTION: Minimum: safety glasses

SKIN PROTECTION: Gloves: Silver Shield 4H. Chemical protective gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Wash hands after handling product and before eating, smoking or using toilet facilities. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before re-use.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated
APPEARANCE: White paste  PHYSICAL STATE: Paste  ODOR: Acetic acid odor
MELTING POINT: F: C: Not determined
SPECIFIC GRAVITY (H₂O = 1): 1.032
SOLUBILITY IN WATER: Not determined
PERCENT SOLIDS BY WEIGHT: Not determined  PERCENT VOLATILE: BY WT/ BY VOL: Not determined
VOLATILE ORGANIC COMPOUNDS (VOC): Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): none

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials. Water, moisture or humid air can cause acetic acid vapors to form. See Section 8.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Section 8

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations. RCRA Hazard Class: 40-CFR 261

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not subject to DOT, IMDG or IATA

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

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MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated
MSDS DATE: 11/14/2007

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:
Panel: PVC Panel bonded to Extruded Polystyrene (XPS) Core

MANUFACTURER: Prime Panels Incorporated
DIVISION: Sales & Marketing
ADDRESS: 2651 Colt Road
Springfield, IL 62707

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC – USA)
CHEMTREC PHONE: 1-800-424-9300 (CHEMTREC – USA)
OTHER CALLS: (800) 990-3468 or (217) 789-7986
FAX PHONE: 217-789-7987

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A
CHEMICAL FORMULA: N/A

PRODUCT USE: Building panels for clean rooms, sanitary facilities, etc.
PREPARED BY: Prime Panels Technical Review

SECTION 1 NOTES: N/A = Not Applicable

PRODUCT IS CONSIDERED AN ARTICLE. OSHA HAZARD COMMUNICATION STANDARD DOES NOT APPLY.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT/COMPONENT:
Material: Polyvinyl chloride resin (PVC); XPS; Structural adhesive

These panels consist of PVC panels laminated to an XPS core using structural adhesive

Exposure Limits:
OSHA TWA: N/A
ACGIH TWA: N/A
PEL (PVC compounds) = Total 15 mg/m3; Respirable 5 mg/m3 (mfr. recommendation for PVC dust) TWA
TLV (PVC compounds) = Total 10 mg/m3; Respirable 3 mg/m3 (mfr. recommendation for PVC dust) TWA

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These products present no significant health problems, provided exposure limits for panel components are not exceeded in the workplace.

ROUTES OF ENTRY: Inhalation and eye contact (of dust and/or particulates); Skin contact (potentially sharp edges of panels); Ingestion (not a likely route of exposure).

POTENTIAL HEALTH EFFECTS
EYES, SKIN, INHALATION: Irritation, itching (dust, particulates)

INGESTION: Not a likely route of exposure

ACUTE HEALTH HAZARDS: Respiratory, eye and skin irritation

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory condititons (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

CARCINOGENICITY
IARC: IARC has determined that there is inadequate evidence of carcinogenicity of a polyvinyl chloride (PVC) resin in both animals and humans. The overall evaluation of PVC is Group 3, meaning that it is not classifiable as a carcinogen (IARC Vol. 19, 1979).
OTHER: PVC is not listed as a carcinogen by OSHA, NIOSH, NTP, IARC or EPA.

SECTION 3 NOTES: Component manufacturer’s Material Safety Data Sheets contain no OSHA, NTP, or IARC recognized carcinogens (see IARC, above).

PAGE 1 OF 3
SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes with clean water. Seek medical attention if irritation persists.

SKIN: Rinse skin with water. Wash with soap and water. Seek medical attention if irritation persists.

INGESTION: Not a likely route of exposure

INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat supportively and symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
    (% BY VOLUME)    LOWER: N/A

FLASH POINT: Lowest known (for adhesive in liquid form)
    F: >199.9 F (Setalast Closed Cup)

AUTOIGNITION TEMPERATURE: Typically 600 F or higher for PVC panels; 669 F minimum for XPS

NFPA HAZARD CLASSIFICATION
    HEALTH: 1    FLAMMABILITY: 1    REACTIVITY: 0
    OTHER: N/A

EXTINGUISHING MEDIA: Water, CO2, dry chemicals

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sawing, sanding or machining panels could result in production of dust, which may present an explosion hazard if a dust cloud contacts an ignition source. Use ventilation adequate to maintain dust levels below applicable exposure limits.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce hydrogen halides, aromatic compounds, aldehydes, ethylbenzene, polymer fragments, styrene, isocyanate monomers, soot, CO, CO2, and other hazardous byproducts.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep up dust from sawing, sanding, etc., and place in container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: When large quantities of XPS materials are stored or fabricated, blowing agent may be released. Released blowing agents may thermally decompose to form gases which may accelerate corrosion or rust formation of heaters, boilers, gas fired recirculating furnaces or heaters, or gas water heaters. Flammable vapors may accumulate in some storage situations. In order to prevent this buildup, do not store large amounts of this product in unventilated spaces.

OTHER PRECAUTIONS: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION: Provide ventilation adequate to maintain dust levels below applicable exposure limits.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guidelines. When respiratory protection is required for some operations, including but not limited to, saw, router or hot wire cutting, use an approved air-purifying respirator, including but not limited to organic vapor cartridge with a particulate pre-filter.

EYE PROTECTION: Work goggles, chemical goggles.

SKIN PROTECTION: Protective work gloves to protect hands from sharp panel edges.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Wash hands after handling panels before eating, smoking or using toilet facilities.
MATERIAL SAFETY DATA SHEET
Prime Panels, Incorporated

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Building panels – various colors  PHYSICAL STATE: Solid  ODOR: N/A

MELTING POINT: XPS = 194 – 266 F

SPECIFIC GRAVITY (H2O = 1): 1.25 – 1.55 (PVC)

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: 100  PERCENT VOLATILE: BY WT/ BY VOL: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): 33 g/L (for liquid adhesive)

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable

CONDITIONS TO AVOID (STABILITY): Avoid temperature extremes during storage. Store out of direct sunlight. Provide adequate ventilation for prolonged storage.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, oxidizing materials

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: See Sect. 5

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: The toxicological properties of this product have not been fully tested.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to all applicable local, state and federal regulations

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

NOTES: Not regulated as hazardous for transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Component supplier’s / manufacturer’s MSDS’s state all ingredients are TSCA compliant.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Information is available concerning the components of these panels from the manufacturer.

PREPARATION INFORMATION: Prepared by Prime Panels Technical Review

DISCLAIMER: This Material Safety Data Sheet meets the information requirements of the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200 (g), and 40 CFR, part 372. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any responsibility or warranty, expressed or implied, regarding the accuracy or correctness of that information. The conditions or methods of handling, storage, use and disposal of the product are beyond our knowledge. For this and other reasons, we do not assume responsibility, and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.