

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 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 condiditons (i.e., asthma) may be aggravated by exposure to particulates, dust, etc.

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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 oif 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:

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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

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.