

MATERIAL SAFETY DATA SHEET

Prime Panels, Incorporated

MSDS DATE: 02/21/2009

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Panel: Expanded Polystyrene (EPS) Foam**

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

CARCINOGENICITY

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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

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

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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

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.