

# MATERIAL SAFETY DATA SHEET

Prime Panels, Incorporated

MSDS DATE: 07/28/2006

---

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

---

PRODUCT NAME:

**Panel: Fiberglass Reinforced Plastic bonded to Expanded Polystyrene (EPS) 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](http://www.primepanels.com)

EMAIL: [info@primepanels.com](mailto: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 conditions (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 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:**  
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

MSDS DATE: 07/28/2006

## 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 (H<sub>2</sub>O = 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

**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.