

MATERIAL SAFETY DATA SHEET
U.S. Department of Labor
Occupational Safety and Health Administration

**SECTION 1
IDENTIFIERS**

COMPANY: Styro Industries
ADDRESS: P.O. Box 8098, Madison, WI 53708
EMERGENCY PHONE NUMBER: 920-702-9920

PRODUCT: FP Ultra Lite Panels
CHEMICAL GROUP: Polystyrene rigid insulation
EFFECTIVE DATE: March 2004

**SECTION 2
COMPOSITION**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>%B.W.</u>	<u>TLV</u>
Polystyrene	9009-53-6	major	3 mg/M ³ *
HCFC-142b	75-68-3	minor	2000 g/M ³ * LD50
Acrylic resin emulsions	proprietary	major	not established
quartz silica	14808-60-7	major	0.1 mg/M ³ *
hydrated aluminum silicates	1332-58-7	minor	5 mg/M ³ *
titanium dioxide	13463-67-7	minor	5 mg/M ³ *
hydroxyethyl cellulose	9004-62-0	minor	not hazardous
Preservatives			
4,5-dichloro-2-n-octyl-4-isothiazolin-3-one	2634-33-5	minor	0.1 mg/M ³ * STEL
Calcium carbonate	1317-65-3	major	5 mg/M ³ *
Calcium silicate	12168-85-3	major	5 mg/M ³ *

* Note - as respirable dust (or mist) TWA.

Generic Description: A rigid polystyrene insulation panel coated with acrylic binder and aggregate.

**SECTION 3
PHYSICAL DATA**

Appearance: solid pink polystyrene panel coated with stone aggregate
pH: Approx. 9.0
Fl. Pt.: > 600F Seta (cc) non-flammable
Vapor Pressure: N/A
Vapor density: N/A
Evaporation Rate: N/a
Physical State: solid
Percent volatile by volume: none
Sp. Gr. 1.4 lb per sq. ft. at 1" thickness
% Solubility (water): not soluble

**SECTION 4
FIRE AND EXPLOSION HAZARD DATA**

Flash point: >600 degrees F Set
Flammable limits: N/A
Extinguishing media: Water, Carbon dioxide or dry chemical

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Produces dense black smoke while burning.
Thermal Decomposition yields oxides of carbon, silicon, sodium, aluminum, iron, nitrogen, magnesium and trace halogens.

**SECTION 5
HEALTH HAZARD EFFECTS**

Effects of Overexposure
WARNING: This product contains a chemical known to the State of California to cause cancer.

Skin: Dust or grindings may be a mild skin irritant.

Eyes: Dust or grindings may be irritating to the eyes.

Breathing: Prolonged inhalation of dust or grindings may cause irritation to the upper respiratory tract.
Swallowing: May be harmful if swallowed.

**SECTION 6
FIRST AID INSTRUCTIONS**

Skin Contact: Wash exposed area with a soap solution or water.

Eye Contact: Immediately flush eyes with water for 15 minutes. Immediately contact a physician for additional treatment.

Inhalation Exposure: Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.

Swallowing: Do not feed anything by mouth to an unconscious or convulsive victim.

Specific: Do not induce vomiting. Immediately contact a physician.

**SECTION 7
SPILL AND DISPOSAL INSTRUCTIONS**

Spill or clean-up Instructions

General: Place in waste disposal container.

Disposal Instruction

General: Dispose in accordance with local, state, and federal regulations.

SECTION 8 SPECIAL PROTECTIVE EQUIPMENT

Ventilation Protection: Use adequate ventilation if grinding of the panels takes place.

Recommended Respiratory Protection: If grinding takes place and ventilation is inadequate, use a mask with dust/mist/fume cartridges.

Recommended Skin Protection: Work gloves.

Other Protective Equipment: Full coveralls.

Recommended Eye Protection: Safety glasses.

Personal Hygiene: Wash thoroughly after handling product.

SECTION 9 STORAGE AND HANDLING PRECAUTIONS

Storage Instructions: Keep away from extreme heat, open flame. Keep the back side of the panels out of direct sunlight until installed to prevent UV deterioration.

Handling Instructions: Normal building material handling.

SECTION 10 REGULATIONS

FIFRA (40 CFR): EPA Reg. No. NONE USED.

OSHA (29CFR Sec. 1910) - Safety and Health Standards:
See Section 2 above.

FDA (21CFR) Ingredients Authorized Under: None

This form is intended for general compliance with New Jersey and Pennsylvania freedom of information legislation, California proposition 65, and the noted sections of the Code of Federal Regulations.

This form is essentially equal to OSHA 20 Form. While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Styro Industries makes no warranty with respect this information. Recipients are advised to confirm, in advance of need, that the information is current, applicable, and suitable to their circumstances.