

# MATERIAL SAFETY DATA SHEET

## Section 1 - Product Identification

Fibre Glass-Evercoat Co., Inc.  
6600 Cornell Road  
Cincinnati, OH, USA 45242  
Phone: (513) 489-7600  
Emergency Phone: (800) 424-9300  
Additional Material Safety Data Sheet Information may be  
obtained by calling the Fibre Glass - Evercoat MSDS Hotline at  
1-800-729-7600.

MSDS# 100156C  
Product Name: Lite Weight  
Product Class: Lightweight bodyfiller  
Product Number(s): 156, 157, 164, and 167.  
Preparation Date 7/16/99

### WHMIS Classification

Health Hazard: D2A (Other Toxic Effects)  
Physical Hazard: B2 (Flammable)

## Section 2 - Hazardous Ingredients

<u>INGREDIENT</u>	<u>WEIGHT PERCENT</u>	<u>CAS NUMBER</u>	<u>LD50 (Rat, Oral)</u>	<u>LC50 (Rat, 4 Hr. Inhalation)</u>
Styrene	15-20	100-42-5	5,000 mg/Kg	24,000 ppm
Talc (non-asbestos type)	40-45	14807-96-6	-	-
Calcium Carbonate	5-10	1317-65-3	-	-

N/E - Not Established. N/A - Not Applicable.

## Section 3 - Physical Data

Physical State: Heavy paste  
Appearance: Gray  
Odour: Sharp, aromatic odour  
Weight Per Gallon: 9.95 lbs/gal

Vapor Pressure: 5.0 mmHg at 25°C (Styrene)  
Vapor Density: Heavier than air  
Coefficient of water/oil Distribution: Unknown  
Evaporation Rate: Slower than ethyl ether

Boiling Point: 145.0 °C (Styrene)  
Freezing Point: -30.6°C (Styrene)  
pH: Neutral  
Percent Volatile by Volume: 15-20%

## Section 4 - Fire and Explosion Data

Flammable: Yes  
Extinguishing Media: Foam, carbon dioxide, and dry chemical.  
Flash Point: 36.4 °C

Explosion Limits: 1.1 Lower, 6.1 Upper  
Auto Ignition Temperature: 490.0 °C  
Explosive Data: Not Applicable.

Hazardous Decomposition Products: Fumes may be produced when material is heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide, and various hydrocarbons.

Special Fire fighting Procedures: Use full protective equipment including NIOSH-approved self-contained breathing apparatus. Water may be used to cool containers to prevent pressure build-up which may rupture containers.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the floor and be ignited by sparks or flames at a distance from where the material is being used.

## Section 5 - Reactivity Data

Stability: Stable.  
Incompatible Materials: Peroxides, strong oxidizers, strong mineral acids and polymerization catalysts.  
Hazardous Decomposition Products: Fumes may be produced when material is heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide, and various hydrocarbons

Hazardous Polymerization: Not likely.  
Conditions To Avoid: High temperatures, ignition sources, and contact with incompatible materials.

### Section 6 - Toxicological Properties

**Chronic Effects Of Overexposure:**

Excessive overexposure to styrene has been found to cause the following effects in laboratory animals: Liver abnormalities, kidney damage and lung damage. (See also Section 9).

**Acute Effects Of Overexposure:**

**EYES:** Contact with liquid or vapor may result in irritation, redness, tearing, and blurred vision.  
**SKIN:** Contact with wet material may result in irritation of the skin and possible dermatitis.  
**INHALATION:** Excessive inhalation of vapors may cause nasal and respiratory irritation, acute nervous system depression, fatigue, weakness, nausea, headache, and dizziness.  
**SWALLOWING:** Ingestion of this material may cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Aspiration of material into the lungs due to vomiting may produce chemical pneumonitis which can be fatal.

**Exposure Limits:** 50 ppm (OSHA) based on Styrene.

**Carcinogenicity:** IARC group 2B Carcinogen (possibly carcinogenic to humans) based on Styrene.

**Teratogenicity:** No evidence of teratogenicity.

**Mutagenicity:** No evidence of mutagenicity.

### Section 7 - First Aid Measures

**First Aid Procedures:**

**IF IN EYES:** Flush immediately with large amounts of water for at least fifteen minutes. See physician for medical treatment.  
**IF ON SKIN:** Immediately wash affected area with soap and water. Remove contaminated clothing. Consult a physician if irritation develops.  
**IF INHALED:** Remove person to fresh air. Restore breathing. Keep person warm and quiet. Treat symptomatically. Get medical attention.  
**IF SWALLOWED:** Keep person warm and quiet. Consult a physician or poison control center immediately.

### Section 8 - Preventative Measures

**Eye Protection:** Splash goggles should be worn.

**Skin Protection:** Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. Barrier cream may be worn for additional skin protection.

**Respiratory Protection:** Use NIOSH-approved respirators designed to remove particulate matter and organic solvent vapors.

**Ventilation:** General dilution or local exhaust ventilation should be provided to keep exposures below acceptable limits (See Section B) and to keep solvent vapors below the lower explosion limit.

**Other Protective Equipment:** Impermeable clothing should be worn to prevent prolonged or repeated contact of wet material with the skin.

**Hygienic Practices:** Always wash hands after using this material, and before eating, drinking, or smoking.

**If Material Is Spilled:** Remove all sources of ignition. Ventilate the area. Wear protective equipment (See Section H). Avoid breathing vapors. Contain spill. Collect with inert absorbent and remove. Dispose of properly.

**Waste Disposal Procedures:** Dispose of in accordance with federal, state, and local regulations. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Before attempting clean-up or disposing of material, refer to hazard information in other sections of this sheet.

**Precautions To Be Taken In Handling And Storage:** Store material in a cool, well-ventilated area. Do not store at temperatures above 25 °C. Do not use or store near heat, sparks, or open flame. Keep containers tightly closed. Avoid contact with incompatible materials.

**Other Precautions:** This product must be mixed with catalyst prior to use. Please refer to Material Safety Data Sheet for catalyst before using. If product is to be sanded, the PEL/TLV of 10 mg/m<sup>3</sup> for nuisance dusts should be observed. Keep out of reach of children. Do not take internally. Avoid contact with eyes and skin.

### Section 9 - Other Information

The International Agency for Research on Cancer (IARC) has classified styrene as a group 2B Carcinogen (possibly carcinogenic to humans). This classification is not based on evidence that styrene may be carcinogenic, but rather on a revised definition for Group 2B, and consideration of new data on styrene oxide. A number of lifetime animal studies with styrene, including those in the NCI Bioassay Program, have not shown styrene to be carcinogenic.

### Section 10 - Preparation Information

Additional Material Safety Data Sheet information may be obtained by calling the Evercoat MSDS Hotline at 1-800-729-7600.

**Notice:** The information accumulated herein has been compiled from current sources which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and