# MATERIAL SAFETY DATA SHEET



## SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Material Identity**

Product Name: Polyester Glazing Putty
Product Numbers: 100400 and 100407
Product Use: Finishing Putty

**Company**

Fibre Glass-Evercoat
a Division of Illinois Tool Works Inc.
6600 Cornell Road
Cincinnati, Ohio USA
Phone: 513-489-7600

**Emergency Telephone Numbers:**

CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

Prepared By: Safety Department

## SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient(s) | CAS Number | EINECS Number | % (by weight) |
|---|---|---|---|
| Talc | 14807-96-6 | 238-877-9 | 40 – 45 |
| Polyester Resin (Non-Hazardous) | Proprietary | Proprietary | 20 – 25 |
| Styrene | 100-42-5 | 202-851-5 | 15 – 20 |
| Magnesite | 546-93-0 | 208-915-9 | 10 – 15 |
| Titanium Dioxide | 13463-67-7 | 236-675-5 | 5 – 10 |

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

## SECTION 3. HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****

WARNING! FLAMMABLE LIQUID AND VAPOR.
CAUSES EYE, SKIN, NOSE AND THROAT IRRITATION.

**Potential Health Effects**

**Acute Effects (Short Term):**

**Eye:** Contact with liquid or vapor may result in irritation, redness, tearing, and blurred vision.

**Skin:** May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.

**Swallowing:** Ingestion of this material may cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Aspiration of this material into the lungs due to vomiting may produce chemical pneumonitis which can be fatal.

**Inhalation:** Excessive inhalation of vapors may cause nasal and respiratory irritation, acute nervous system depression, fatigue, weakness, nausea, headache, and dizziness. Symptoms usually occur at air concentrations higher than the recommended exposure limits (See Section 8).

**Chronic Effects of Overexposure (Long Term):**

**Styrene:** Excessive overexposure to styrene has been found to cause the following effects in humans and may aggravate pre-existing disorders of these organs; central nervous system effects, effects on hearing, mild effects on color vision and respiratory tract damage.

**Cancer 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(Group 2A). This material may contain trace amounts of a chemical considered to be carcinogenic by OSHA, (1,3- Butadiene-IARC Group 2A).

**Other Health Effects:** NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Primary Route(s) of Entry:** Inhalation, Skin contact, Eye contact, Ingestion, Skin absorption.

## SECTION 4. FIRST AID MEASURES

**Eyes:** Flush eyes gently with water for at least 15 minutes. Seek immediate medical attention.

**Skin:** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Swallowing**: Consult a physician or poison control center immediately. DO NOT INDUCE VOMITING. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If possible, do not leave individual unattended.

**Inhalation:** If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, oxygen may be benificial if administered by trained personnel.

## SECTION 5. FIRE FIGHTING MEASURES

**Flash Point:** 93.2 ºF (34 ºC)
**Explosive Limit:** **Lower:** 1.1% **Upper:** 6.1%
**Autoignition Temperature:** 914.0 ºF (490.0 ºC)

## SECTION 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Product may undergo hazardous polymerization if exposed to extreme heat.

**Hazardous Decomposition:** May form: carbon dioxide, carbon monoxide, styrene oxide and various hydrocarbons.

**Chemical Stability:** Stable under normal handling conditions.

**Incompatibility:** Avoid contact in uncontrolled conditions with: peroxides, strong acids, strong oxidizing agents and polymerization catalysts.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity Data:**

| Ingredient | CAS # | $LD_{50}$ Oral-Rat | $LC_{50}$ Inhalation-Rat |
|---|---|---|---|
| Styrene | 100-42-5 | 5,000 mg/kg | 24 $g/m^3$/4H |

**Carcinogenicity:** See Cancer Information, Section 3.

**Mutagenicity:** No significant evidence found.

**Teratogenicity:** No significant risk of birth defects or reproductive toxicity of styrene to humans.

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Styrene is toxic to aquatic organisms and should not be released to sewage, draining systems or any body of water exceeding concentrations of approved limits under applicable regulations and permits.

## SECTION 13. DISPOSAL CONSIDERATION

**RCRA Hazardous Waste:** This material as supplied, if discarded, would be regulated as a hazardous waste under RCRA (40 CFR 261). Dispose of in accordance with applicable federal, state, and local regulations.

**RCRA Hazard Class:** This material would be regulated as EPA Hazardous Waste Number D001 based on the characteristic of ignitablity.

## SECTION 14. TRANSPORT INFORMATION

**DOT Description:** The DOT Classification for shipping is dependant on quantity, type of packaging (a kit may include other components), or method of shipment.

## SECTION 15. REGULATORY INFORMATION

### US Federal Regulations

**TSCA (Toxic Substances Control Act) Status**

TSCA (USA) The intentional ingredients of this product are listed.

**CERCLA RQ - 40 CFR 302.4(a)**

| Component | RQ (lbs.) |
|---|---|
| Styrene | 1000 |

**SARA Title III: Section 302**- Extremely Hazardous Substances

None

**SARA Title III: Section 313-** Toxic Chemical List

| Component | CAS Number | Percentage |
|---|---|---|
| Styrene | 100-42-5 | 15.3 % |

**EPA Hazardous Air Pollutants (HAPS) 40 CFR 63**

| Component | CAS Number | Percentage |
|---|---|---|
| Styrene | 100-42-5 | 15.3 % |

### International Regulations

**EINECS (Europe)** The intentional ingredients of this product are listed.

**DSL (Canada)** The intentional ingredients of this product are listed.

**WHMIS Classification**

**Health Hazard:** D2A, D2B (Other Toxic Effects)

**Physical Hazard:** B2 (Flammable)

### State and Local Regulations

**California Proposition 65:**

This product contains the following chemical(s) known to the state of California to cause cancer. STYRENE OXIDE, 1,3-BUTADIENE

Styrene, in the presence of air and high temperature or prolonged exposure of styrene/air mixture to sunlight, can react to form styrene oxide.

This product contains the following chemical(s) known to the state of California to cause birth defects or reproductive harm. 1,3-BUTADIENE

## SECTION 16. OTHER INFORMATION

**HMIS Rating:** Health – 1*, Flammability - 2, Reactivity - 2

Key- 0=Least, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme, *=Chronic Effects

**Other Precautions for Use:** This product must be mixed with Cream Hardener prior to use. Please refer to the Material Safety Data Sheet (#100340) for catalyst before using. If product is to be sanded, the OSHA PEL/TLV of 10 mg/$m^3$ for nuisance dust should be observed.

Additional Information may be obtained by calling the Evercoat MSDS Hotline at 1-800-729-7600.

**NOTICE:** The information accumulated herein is believed to be correct as of the date issued from 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 suitable to their circumstances.