

# MATERIAL SAFETY DATA SHEET

Date Prepared: 8/15/05  
100822

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## SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Material Identity

Product Name: OEM Bead Type Seam Sealer  
Product Numbers: 100822  
Product Use: seam sealer

### 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)
Poly alkoylated hydroxyalkylthiol	Proprietary	Proprietary	30 – 50
Oxirane	25085-99-8	N/L	15 – 30
Butyl Benzyl Phthalate	85-68-7	201-622-7	5 – 15
2,4,6-Tris dimethyl amino methyl Phenol	90-72-2	202-013-9	3 – 7
Siloxanes and silicones, reaction products with silica	67762-90-7	N/L	1 – 5
Titanium Dioxide	13463-67-7	236-675-5	1 – 5

## SECTION 3. HAZARDS IDENTIFICATION

### \*\*\*EMERGENCY OVERVIEW\*\*\*

**WARNING! COMBUSTIBLE LIQUID AND VAPOR. VAPOR HARMFUL.**

### Potential Health Effects

#### Acute Effects (Short Term):

**Eye:** May cause eye irritation. May cause corneal damage.

**Skin:** May cause skin irritation. Prolonged contact may lead to dermatitis.

**Swallowing:** Swallowing may cause burning of mouth and stomach. Other possible effects are abdominal pain, nausea and diarrhea.

**Inhalation:** No adverse effects expected.

**Chronic Effects of Overexposure (Long Term):** Certain individuals may develop sensitization, which will cause them to react to a later exposure to product at levels well below the TLV.

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**Cancer Information:** Not likely to cause cancer.

**Primary Route(s) of Entry:** skin contact, skin absorption, eye contact, ingestion.

### **SECTION 4. FIRST AID MEASURES**

**Eyes:** Flush eyes with clean water for at least 15 minutes while gently holding eyelids open. Get immediate medical attention.

**Skin:** Immediately remove contaminated clothing. Flush skin with water. Wash thoroughly with warm water and soap. Consult a physician.

**Swallowing:** DO NOT induce vomiting. Get medical attention.

**Inhalation:** Remove patient to fresh air. Get medical attention.

### **SECTION 5. FIRE FIGHTING MEASURES**

**Flash Point:** 302 °F 150 °C

**Explosive Limit:** Lower: N/A Upper: N/A

**Autoignition Temperature:** N/A

**OSHA Flammability Class:** Combustible Liquid IIIB

**Hazardous Products of Combustion:** carbon monoxide, silicone dioxide, sulfur oxides and nitrogen oxides

**Fire and Explosion Hazards:** none known

**Extinguishing Media:** carbon dioxide, dry chemical, foam

**Fire Fighting Instructions:** Keep personnel removed and upwind from fire. Wear self-contained breathing apparatus and full protective equipment. Cool container with water spray. Fight fire from a distance as the heat may rupture the containers.

**NFPA Rating:** Health -2, Flammability -1, Reactivity -1

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

**In Case of Spill:** Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Ventilate the area. Wear proper protective equipment (Section 8). Avoid breathing vapors. Collect with an inert absorbent and dispose of properly.

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### **SECTION 7. HANDLING AND STORAGE**

**Handling:** Do not use in presence of open flame, sparks or ignition sources. Keep away from heat. Avoid breathing vapors and spray mists. Avoid contact with skin and eyes. After handling always wash hands thoroughly with soap and water.

**Storage:** Keep in a cool, well-ventilated place. Keep away from heat, open flames, sparks and all other sources of ignition. Do not place in hot water or near radiator, stove or other sources of heat. Do not puncture, incinerate, store the container at temperature over 120° F or in direct sunlight.

### **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eye Protection:** Chemical splash goggles in compliance with OSHA regulations are recommended.

**Skin Protection:** Wear impervious butyl rubber clothing as appropriate to prevent contact

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

**Engineering Controls:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below acceptable limits. Explosion-proof ventilation system is acceptable.

#### **Exposure Guidelines:**

<b>Hazardous Ingredients</b>	<b>CAS Number</b>	<b>OSHA PEL/TWA</b>	<b>ACGIH TLV</b>
Butyl Benzyl Phthalate	85-68-7	N/E	5 ppm
Titanium Dioxide	13463-67-7	N/E	10 mg/m <sup>3</sup>
Siloxanes and silicones, reaction products with silica	67762-90-7	N/E	10 mg/m <sup>3</sup>

Mppcf- millions of particles per cubic foot of air

N/E-Not Established

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b>	N/A	<b>Vapor Density:</b>	Heavier than air
<b>Specific Gravity / Density:</b>	1.25/ 10.43 lb/gal	<b>Percent Volatiles by weight:</b>	N/A
<b>Evaporation Rate:</b>	Less than butyl acetate	<b>Physical State:</b>	Liquid
<b>Melting Point:</b>	N/A	<b>pH:</b>	Slightly acidic

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<b>Odor:</b>	Epoxy	<b>Solubility:</b>	Slight
<b>Vapor Pressure:</b>	N/A	<b>Appearance:</b>	A:tan B: clear to milky
<b>Octanol/Water Partition Coefficient:</b>	Unknown	<b>VOC as applied with both adhesive and activator:</b>	0

### SECTION 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** carbon monoxide, silicon dioxide, nitrogen oxide, sulfur oxide

**Chemical Stability:** stable under normal handling conditions

**Incompatibility:** incompatible with strong acids, strong bases, and strong oxidizing agents.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### **Acute Toxicity Data:**

<b>Ingredient</b>	<b>CAS #</b>	<b>LD<sub>50</sub> Oral-Rat</b>	<b>LC<sub>50</sub> Inhalation-Rat</b>
Oxirane	25085-99-8	5000 mg/kg	N/E
Butyl Benzyl Phthalate	85-68-7	20,400 mg/kg	6.7 mg/L/4H
2,4,6 Tris (dimethyl amino-methyl) phenol	90-72-2	1.63 g/kg	0.5 mg/L/4H
Siloxanes and silicones, reaction products with silica	67762-90-7	>5000 mg/kg	N/E

**Carcinogenicity:** See Section 3

**Mutagenicity:** No adverse mutagenic effects expected.

**Teratogenicity:** No adverse teratogenic effects expected.

### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** This material 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.

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## 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 ignitability.

## 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.)
Butyl Benzyl Phthalate	100

**SARA Title III: Section 302-** Extremely Hazardous Substances  
none

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

Component	CAS Number	Percentage
Butyl Benzyl Phthalate	85-68-7	5 – 15

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

none

### International Regulations

**EINECS (Europe)** N/A

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

#### **WHMIS Classification**

**Health Hazard:** D2A, D2B (other toxic effects)

**Physical Hazard:**

### State and Local Regulations

**California Proposition 65:** none

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### **SECTION 16. OTHER INFORMATION**

**HMIS Rating:** Health -2, Flammability -1, Reactivity - 1  
Key- 0=Least, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme, \*=Chronic Effects

**Other Precautions for Use:** 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.