

## MATERIAL SAFETY DATA SHEET

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Powder Guide Coat

MSDS Number: 100721

### **SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

#### **Material Identity**

Product Name: Powder Guide Coat  
Product Numbers: 100721  
Product Use: surface preparation guide

#### **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**

<b>Ingredient(s)</b>	<b>CAS Number</b>	<b>EINECS Number</b>	<b>% (by weight)</b>
Acetone	67-64-1	200-662-2	50 – 75
Petroleum gases, liquefied, sweetened	68476-86-8	N/E	25 – 50
Talc	14807-96-6	238-877-9	1 – 10
Limestone	471-34-1	207-439-9	1 – 10
Toluene	108-88-3	203-625-9	1 – 10
Dibutyl phthalate	84-74-2	201-557-4	0 – 5

### **SECTION 3. HAZARDS IDENTIFICATION**

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

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPORS MAY CAUSE FLASH FIRES. HARMFUL IF INHALED. CONTENTS UNDER PRESSURE.

#### **Potential Health Effects**

##### **Acute Effects (Short Term):**

**Eye:** Contact may cause irritation, redness, tearing and blurred vision.

**Skin:** May cause moderate skin irritation. Symptoms may include redness, burning, drying and cracking.

**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. Not expected to be a relevant form of exposure for an aerosol container.

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**Inhalation:** May cause headaches, respiratory irritation, unconsciousness, CNS effects. Has a narcotizing effect. Vapors may cause drowsiness or dizziness.

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

**Toluene:** Possible birth defects hazard. Toluene may be harmful to the human fetus based on positive results with laboratory animals. Overexposure to Toluene has been suggested as a cause of the following effects in humans: cardiac sensitization, kidney damage. The substance may have effects on the central nervous system, resulting in decreased learning ability and psychological disorders.

**Acetone:** Overexposure to this material may have effects on the blood and bone marrow.

**Cancer Information:** This material may contain carbon black, which is classified as a group 2B (possible carcinogen to humans).

**Other Health Effects:** This product may contain trace amounts of methanol. Ingestion of methanol may cause blindness or death.

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

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

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

**Skin:** Immediately wash skin with plenty of water for at least 15 minutes. If symptoms persist, seek immediate medical attention.

**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 left side with head down. If possible, do not leave unattended. If vomiting occurs spontaneously, keep head below hips, to prevent aspiration of liquid into lungs.

**Inhalation:** If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention.

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

**Flash Point:** <-1°F (<-17°C)

**Explosive Limit:** Lower: 1.9 Upper: 13.0

**Autoignition Temperature:** 869°F (465.0°C)

**OSHA Flammability Class:** Flammable Liquid – Class IA

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**Hazardous Products of Combustion:** May form carbon dioxide, carbon monoxide, various hydrocarbons and oxides of nitrogen.

**Fire and Explosion Hazards:** Aerosol containers may explode when exposed to extreme heat. Contents under pressure. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations distant from material handling point.

**Extinguishing Media:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

**Fire Fighting Instructions:** DO NOT USE WATER. Wear a self container breathing apparatus NIOSH approved with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

**NFPA Rating:** Health -2, Flammability -4, Reactivity -0

### **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 absorbant and dispose of properly.

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

**Handling:** DANGER! Flammable. Keep away from heat sparks and flames. Avoid contact with eyes. Use in well ventilated area. Avoid breathing vapor or mist. Wash thoroughly after handling. Keep out of reach of children.

**Storage:** Keep container closed when not in use. Store in a cool, dry well ventilated area. Contents under pressure. Do not puncture, incinerate, burn or store above 120°F (48.9°C).

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

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

**Skin Protection:** Protective gloves and proper clothing should be worn to prevent skin contact. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

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**Respiratory Protection:** Use a NIOSH approved respirator if ventilation is not sufficient and the potential exists to exceed any exposure limit.

**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:

Hazardous Ingredients	CAS Number	OSHA PEL/TWA	ACGIH TLV
Acetone	67-64-1	1000 ppm	500 ppm
Toluene	108-88-3	200 ppm	50 ppm
Propane/Butane blend	68476-86-8	1000 ppm	1000 ppm
Dibutyl phthalate	84-74-2	5 mg/m3	5 mg/m3
Talc	14807-96-6	20 mppch	2 mg/m3
Limestone	471-34-1	15 mg/m3	10 mg/m3

Mppcf- millions of particles per cubic foot of air

N/E-Not Established

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	<63°F (17°C)	<b>Vapor Density:</b>	N/A
<b>Specific Gravity / Density:</b>	0.770/ 6.42 lb/gal	<b>Percent Volatiles by weight:</b>	25 – 30 %
<b>Evaporation Rate:</b>	N/A	<b>Physical State:</b>	Aerosol
<b>Melting Point:</b>	N/A	<b>pH:</b>	N/A
<b>Odor:</b>	Solvent	<b>Solubility:</b>	Insoluble in water
<b>Vapor Pressure:</b>	233.0 hPa	<b>Appearance:</b>	Dry black aerosol
<b>VOC (as packaged-less exempts and water):</b>	225.8 g/L	<b>Percent Solids by weight – as packaged:</b>	12.5%

## SECTION 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Product will not undergo hazardous polymerization.

**Hazardous Decomposition:** May form carbon dioxide, carbon monoxide, various hydrocarbons and oxides of nitrogen.

**Chemical Stability:** Stable under normal handling. High heat may cause container bursting. Vapors could ignite explosively.

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**Incompatibility:** Avoid contact with oxidizing agents, strong acids, strong bases, chlorine, nitrates.

### **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>
Acetone	67-64-1	5800 mg/kg	50,100 mg/m3/8H
Toluene	108-88-3	5000 mg/kg	N/E
Dibutyl phthalate	84-74-2	8000 mg/kg	7.9 mg/m3

N/E-Not Established

**Carcinogenicity:** See cancer information Section 3.

**Mutagenicity:** No significant evidence found.

**Teratogenicity:** Animal tests show that toluene and dibutyl phthalate possible cause toxic effects upon human reproduction.

### **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** Toluene and Dibutyl Phthalate are toxic to aquatic organisms and should not be released to sewage, draining systems or any body of water. Danger to drinking water if even small quantities leak into the ground.

### **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). Do not incinerate. Depressurize container. 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)**

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Component	RQ (lbs.)
Dibutyl Phthalate	10
Toluene	1000
Acetone	5000

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

none

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

Component	CAS Number	Percentage
Dibutyl Phthalate	84-74-2	≤ 2.5
Toluene	108-88-3	1 – 10

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

Component	CAS Number	Percentage
Dibutyl Phthalate	84-74-2	≤ 2.5
Toluene	108-88-3	1 – 10

### 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:** B5 (Flammable Aerosol)

### State and Local Regulations

#### California Proposition 65:

This product contains the following chemical(s) in trace amounts known to the state of California to cause cancer. CARBON BLACK

This product contains the following chemical(s) in trace amounts known to the state of California to cause birth defects or reproductive harm. TOLUENE.

### SECTION 16. OTHER INFORMATION

**HMIS Rating:** Health -2, Flammability -4, Reactivity - 0  
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.