

SAFETY DATA SHEET



Date Issued : 5/5/2014
SDS No : 125952

Gelcoat, Black Supreme, FCIBG-003

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Gelcoat, Black Supreme, FCIBG-003
PRODUCT CODE: 125952

MANUFACTURER

Fiberglass Coatings Inc.
4301A 34th Street North
St. Petersburg, FL 33714
Emergency Phone: ChemTel(800)255-3924
Customer Service: 800-272-7890
E-Mail: www.fgci.com

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2
Eye Irritation, Category 2A
Acute Toxicity (Inhalation), Category 5

Environmental:

Aquatic Toxicity, Category 2

Physical:

Flammable Liquids, Category 3

GHS LABEL



Flame



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H226: Flammable liquid and vapor.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H333: May be harmful if inhaled.
H401: Toxic to aquatic life.

PRECAUTIONARY STATEMENT(S)

Prevention:

P202: Do not handle until all safety precautions have been read and understood.
 P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P223: Keep away from any possible contact with water, because of violent reaction and possible flash fire.
 P240: Ground/bond container and receiving equipment.
 P241: Use explosion-proof electrical/ventilating/lighting/ equipment.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P264: Wash thoroughly after handling.
 P273: Avoid release to the environment.

Response:

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P308+P313: IF exposed or concerned: Get medical advice/attention.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container in accordance with all Federal, State, and local regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Black, Viscous Liquid, Solvent-like odor.

IMMEDIATE CONCERNS: Flammable liquid and vapor. Vapors may travel to a source and flash back. May cause respiratory tract, eye and skin irritation.

POTENTIAL HEALTH EFFECTS

EYES: Contact with eyes may cause irritation with discomfort, tearing or blurring of vision.

SKIN: Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

INGESTION: May cause central nervous system depression or effects.

INHALATION: Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. During heating, polymer fume fever may result with symptoms of chest pain or tightness, shortness of breath, cough, malaise, muscle aches, increased heart rate, fever, chills, sweats, nausea and headache. Polymer thermal decomposition products may be absorbed through inhalation and cause target organ effects.

CARCINOGENICITY: IARC: Classified 2B (possible for humans)

ROUTES OF ENTRY: Inhalation, ingestion, skin and eye contact.

COMMENTS: This product contains non-hazardous components which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.

3. COMPOSITION / INFORMATION ON INGREDIENTS
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Chemical Name	Wt.%	CAS
Styrene	35 - 50	100-42-5
Resin	25 - 40	N/A
Talc	10 - 20	14807-96-6
Methyl Methacrylate Monomer	1 - 5	80-62-6
Iron Oxide, Black	5	1317-61-9

COMMENTS: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush eyes for at least 15 minutes, holding eyelids open. If easily accomplished, check for and remove contact lenses. Seek immediate medical attention.

SKIN: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

INGESTION: Aspiration hazard. If swallowed, Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN: Styrene: Do not induce vomiting. Gastrointestinal decontamination in accidental petroleum distillate ingestions is not recommended, because of the severe aspiration hazard. Gastric lavage is indicated in those patients who require decontamination. Be sure that an endotracheal tube is in place prior to lavage; use cuffed tubes in patients over 7 years of age. All contaminated clothing should be removed, and contaminated skin areas washed with lipophilic soap, or green soap, and water. If ingested, cardiac and respiratory status must be continuously monitored. Be prepared to give oxygen and, if necessary, intubate. A chest x-ray should be taken immediately after stabilization of breathing and circulation to document aspiration and detect the presence of pneumothorax.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Category 3 Flammable Liquid

EXTINGUISHING MEDIA: Use foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide. Carbon dioxide (CO₂). Formaldehyde vapors.

EXPLOSION HAZARDS: Flammable. Vapours may form explosive mixture with air. Vapors are heavier than air and may spread along floors. Vapor may travel considerable distance to source of ignition and flash back.

FIRE FIGHTING PROCEDURES: Cool containers with flooding quantities of water until well after fire is out to avoid pressure build up, autoignition or explosion.

FIRE FIGHTING EQUIPMENT: Full Bunker gear(helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with an inert material and put the spilled material in an appropriate waste disposal container.

LARGE SPILL: Follow procedure for small spills. Follow local, state, and federal regulations for disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not flush with water. Do not flush into surface water. Water pollutant. Water runoff can cause environmental damage.

7. HANDLING AND STORAGE

HANDLING: Use only in area provided with appropriate exhaust ventilation. Keep away from open flames, hot surfaces and sources of ignition. Wear personal protective equipment.

STORAGE: Store container in a cool, well-ventilated approved area. Keep container away from sparks and other ignition sources. Keep container tightly closed until ready to use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Styrene	TWA	50		20	85
	STEL	100		40	170
Talc	TWA		2		2
Methyl Methacrylate Monomer	TWA	100	410	50	205
	STEL			100	410

ENGINEERING CONTROLS: Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits (PEL/TLV). Any installed emergency eye wash station or safety showers should be located near the work area.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles. Always use proper eye protection around the work area.

SKIN: Wear solvent resistant gloves (consult safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

RESPIRATORY: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910. 134.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous liquid.

ODOR: Slight Solvent Odor.

ODOR THRESHOLD: No data available.

APPEARANCE: Black liquid.

pH: No data available.

PERCENT VOLATILE: No data available.

FLASH POINT AND METHOD: 28°C (83°F) Closed Cup

FLAMMABLE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: No data available.

VAPOR PRESSURE: 4.5 mm Hg @ 20 C

VAPOR DENSITY: No data available.

BOILING POINT: 145°C (293°F) to 146°C (295°F)

MELTING POINT: No data available.

POUR POINT: No data available.

SOLUBILITY IN WATER: Negligible.

EVAPORATION RATE: No data available.

SPECIFIC GRAVITY: 1.151 (Water = 1)

VISCOSITY: No data available.

(VOC): 46.000 %

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: Yes

STABILITY: Stable under recommended storage conditions.

POLYMERIZATION: Polymerization can occur when contacted with bases such as amines.

CONDITIONS TO AVOID: Avoid contact with incompatible materials and ignition sources / heat.

INCOMPATIBLE MATERIALS: Incompatible with strong acids and bases. Incompatible with oxidizing agents. Peroxides.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Styrene	5000 mg / kg (Rat)	> 2000 mg / kg (dermal Rabbit)	11.8 mg/L (4h)
Methyl Methacrylate Monomer	7872 mg / kg (Rat)	> 5000 mg / kg	5303 ppm (inhalation/rat) (4h)

EYE EFFECTS: Eye irritant

SKIN EFFECTS: Skin Irritant, Sensitizer.

CARCINOGENICITY

IARC: Classified 2B (Possible for human.)

NTP: Reasonably anticipated to be a human carcinogen

OSHA: Possible select carcinogen.

Notes: Listed by IARC as possibly carcinogenic to humans (Group 2B), based on limited evidence of carcinogenicity in humans and experimental animals.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Do NOT discharge into sewers or waterways.

BIOACCUMULATION/ACCUMULATION: Not yet Determined

AQUATIC TOXICITY (ACUTE): Acute toxicity to fish, Toxicity to aquatic plants

96-HOUR LC₅₀: 4-10 mg / L (Fathead Minnow)

48-HOUR EC₅₀: 3-7 mg/L (Daphnia magna)

96-HOUR EC₅₀: 4.9 mg/L (green algae).

Notes: Values listed for Styrene (CAS# 100-42-5).

GENERAL COMMENTS: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with all Federal, State, and local regulations. Empty containers may still be considered dangerous due to residual vapors/liquid/dust.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: Resin Solution, Flammable

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: 1866

PACKING GROUP: III

NAERG: 127

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Resin Solution, Flammable

UN NUMBER: 1866

HAZARD CLASS: 3

PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: Resin Solution, Flammable

UN/NA NUMBER: 1866

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: III

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Resin Solution, Flammable

UN/NA NUMBER: 1866

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: III

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Fire Hazard, Immediate (acute) Health Hazard, Chronic (Delayed) Health Hazard, Reactivity.

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** Yes **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: Styrene

TITLE III NOTES: Components meeting the requirements are listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Styrene

CERCLA RQ: 0.1 % de minimis concentration

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All items are TSCA listed

OSHA HAZARD COMM. RULE: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

CANADA

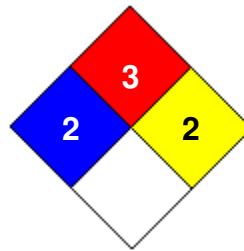
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): B2 Flammable Liquid; D2A Very Toxic Materials; D2B Toxic Material

16. OTHER INFORMATION

PREPARED BY: BC

HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		2
PERSONAL PROTECTION		

NFPA CODES

HMIS RATINGS NOTES: The customer is responsible for determining the PPE code for this material.

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