

# SAFETY DATA SHEET



Date Issued : 3/11/2014  
SDS No : 129073

## Contact Cement

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Contact Cement  
**GENERAL USE:** Adhesive  
**PRODUCT CODE:** 129073

#### 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 2  
Reproductive Toxicity, Category 2  
Target Organ Toxicity (Single exposure), Category 3  
Aspiration Hazard, Category 1

##### Environmental:

Aquatic Toxicity, Category 2

##### Physical:

Flammable Liquids, Category 2

#### GHS LABEL



Flame



Exclamation  
mark



Health  
hazard

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H225: Highly flammable liquid and vapor.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

H304: May be fatal if swallowed and enters airways.  
 H361: Suspected of damaging fertility or the unborn child.  
 H401: Toxic to aquatic life.

## PRECAUTIONARY STATEMENT(S)

### Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
 P233: Keep container tightly closed.  
 P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
 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:

P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 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.  
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

### 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:** Clear, Colorless Syrup-like Liquid.

**IMMEDIATE CONCERNS:** Inhalation can cause dizziness, breathing difficulty, headaches, loss of coordination. Causes eye and skin irritation. Ingestion can cause gastrointestinal irritation and vomiting.

## POTENTIAL HEALTH EFFECTS

**EYES:** Can cause eye irritation. Symptoms include: stinging, tearing, redness. Swelling of the eyes can lead to blurred vision. Prolonged exposure will intensify effects.

**SKIN:** Can cause skin irritation. Symptoms may include redness, burning, drying and cracking of the skin, burns and other skin damage.

**SKIN ABSORPTION:** May cause effects, or intensify effects similar to ingestion or inhalation.

**INGESTION:** Ingestion can cause nausea, vomiting and abdominal pains.

**INHALATION:** Breathing of high vapor concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death. Vapors expected to be slightly irritating.

**MEDICAL CONDITIONS AGGRAVATED:** May aggravate pre-existing skin, respiratory, liver, kidney, CNS and heart.

**TARGET ORGAN STATEMENT:** This material may cause damage to the following organs: kidneys, liver, mucous membranes, heart, upper respiratory tract, skin, audiometric response, central nervous system (CNS), eye, lens or cornea.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Methylbenzene	73	108-88-3
Heptane	10	142-82-5
Chloroprene	0.05	126-99-8
Phenolic Resin	5	N/A
Magnesium Oxide	0.05	1309-48-4

**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 with plenty of soap and water. Remove and dispose of contaminated clothing. Seek medical attention.

**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.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CHRONIC EFFECTS:** Aspiration can cause pneumatocele and chronic lung dysfunction. Abuse symptoms include: Altered mental state, drowsiness, peripheral motor neuropathy, irreversible brain damage, delirium, seizures, and sudden death.

#### NOTES TO PHYSICIAN:

INHALATION: Inhalation overexposure can produce toxic effects. Monitor for respiratory distress. If cough or difficulty in breathing develops, evaluate for upper respiratory tract inflammation, bronchitis, and pneumonitis. Administer supplemental oxygen with assisted ventilation, as required.

This material (or a component) sensitizes the heart to the effects of sympathomimetic amines. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in individuals exposed to this material. Administration of sympathomimetic drugs should be avoided.

INGESTION: If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position.

#### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Category 2 Flammable Liquid

**GENERAL HAZARD:** Volatile, readily gives off vapors which may travel along the ground to ignition sources (flames, sparks, heaters, static, etc) near work area. welding or cutting torches on or near drums can ignite product explosively.

**EXTINGUISHING MEDIA:** Use dry chemical, CO<sub>2</sub>, water spray/fog (not jet), or foam

**EXPLOSION HAZARDS:** Vapors may form an explosive mixture with air.

**FIRE FIGHTING PROCEDURES:** Evacuate any non-essential personnel. Extinguish all ignition sources if safe to do so. Use water to cool exposed containers and structures until fire is out. Avoid spreading burning material with water used for cooling purposes.

**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:** Extinguish all near by ignition sources. Stop leak if it can be done safely. Prevent from entering waterways and sewers. Absorb with non-combustible material and transfer into appropriate disposal container.

**LARGE SPILL:** Follow procedure for small spills. Dike ahead of spill to contain material. Water mist may be used to disperse vapors. Notify proper authorities if the spill cannot be contained. Follow Federal, State, and local regulations for disposal.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid ignition sources (flame, spark, smoking, etc) in use or handling areas. Use explosion proof electrical equipment. Ensure proper electrical grounding procedures are in place. Provide sufficient ventilation. Always wear proper personal protection equipment when handling.

**STORAGE:** Store in a cool, dry, well-ventilated area, away from any sources of ignition and incompatible materials. Keep all equipment grounded to avoid static sparking. Keep container closed when not being used.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Methylbenzene	TWA	200 (8 hours)	375 (8 hours)	20	75
	STEL	150 <sup>[1]</sup>	560 <sup>[1]</sup>		
Heptane	TWA	500	2000	400	
	STEL	500	2050	500	
Magnesium Oxide	TWA		15		10
<b>Footnotes:</b>					
1. Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift :500 ppm					

**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 and/or face shield. Always use proper eye protection around the work area.

**SKIN:** Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product. Maintain eyewash and shower station near work area in case of exposure.

**RESPIRATORY:** Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid.

**ODOR:** Aromatic, characteristic solvent odor.

**ODOR THRESHOLD:** No data available.

**APPEARANCE:** Colorless Liquid

**pH:** No data available.

**PERCENT VOLATILE:** No data available.

**FLASH POINT AND METHOD:** -3.5°C (26°F) Closed Cup

**FLAMMABLE LIMITS:** 1% to 7%

**AUTOIGNITION TEMPERATURE:** 536°C (997°F)

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** Heavier than air.

**BOILING POINT:** 93°C (200°F) to 3200°C (5792°F)

**FREEZING POINT:** No data available.

**MELTING POINT:** No data available.

**SOLUBILITY IN WATER:** Insoluble.

**EVAPORATION RATE:** No data available.

**SPECIFIC GRAVITY:** 0.89 (Water = 1)

**VISCOSITY:** No data available.

**(VOC):** 6.190 lbs/gal

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**POLYMERIZATION:** Will not occur.

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

**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition can form oxides of Carbon and Nitrogen.

**INCOMPATIBLE MATERIALS:** Avoid all unplanned contact with strong reactive chemicals, Acids, Bases, Aliphatic Amines, and Oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Methylbenzene	> 5580 mg / kg (Rat)	12196 mg/kg (Rabbit)	12500 to 28800 mg/L (4h)

**NOTES:** No data is available on the product itself.

**EYE EFFECTS:** Eye irritant

**SKIN EFFECTS:** Skin Irritant.

#### **CARCINOGENICITY**

**Notes:** Not considered carcinogenic by OSHA, NTP, or IARC.

### **12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** Do NOT discharge into sewers or waterways. Believed to be toxic to aquatic life and the environment.

**BIOACCUMULATION/ACCUMULATION:** Low bioaccumulation potential.

#### **AQUATIC TOXICITY (ACUTE)**

**96-HOUR LC<sub>50</sub>:** 4-7 mg / L (Rainbow Trout)

**48-HOUR EC<sub>50</sub>:** 1-6 mg/L (Water Flea)

**Notes:** 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:** Adhesives, containing a flammable liquid

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** 1133

**PACKING GROUP:** II

**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** 1000 Pounds

#### **VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Adhesives, containing a flammable liquid

**UN/NA NUMBER:** 1133

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** II

### **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.

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

**313 REPORTABLE INGREDIENTS:** Methylbenzene

##### **CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** Listed

**CERCLA RQ:** 1000 pounds

**CALIFORNIA PROPOSITION 65:** This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. Methylbenzene CAS# 108-88-3

**OSHA HAZARD COMM. RULE:** Flammable liquid, Target Organ Effect, Irritant

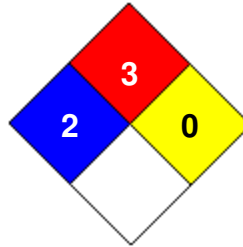
## 16. OTHER INFORMATION

PREPARED BY: BC

### HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

### NFPA CODES



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

**MANUFACTURER DISCLAIMER:** This information is compiled from sources believed reliable as of the date of issue, it is provided in good faith and correct to the best of our knowledge. No warranty, guarantee, or representation is made as to the sufficiency of the information for the safe use of the product nor to relieve the end user of their own Federal, State, and Local regulatory compliance requirements.