

# SAFETY DATA SHEET



Date Issued : 2/24/2014  
SDS No : 129188

## Mineral spirits

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Mineral spirits  
**GENERAL USE:** Solvent  
**PRODUCT CODE:** 129188

#### 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  
Target Organ Toxicity (Single exposure), Category 3  
Acute Toxicity (Oral), Category 4

##### Physical:

Flammable Liquids, Category 3

#### GHS LABEL



Flame



Health  
hazard



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H226: Flammable liquid and vapor.  
H302: Harmful if swallowed.  
H319: Causes serious eye irritation.  
H315: Causes skin irritation.  
H335: May cause respiratory irritation.

#### PRECAUTIONARY STATEMENT(S)

**Prevention:**

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P270: Do not eat, drink or smoke when using this product.  
 P264: Wash thoroughly after handling.  
 P241: Use explosion-proof electrical/ventilating/lighting/ equipment.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P271: Use only outdoors or in a well-ventilated area.  
 P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
 P240: Ground/bond container and receiving equipment.  
 P243: Take precautionary measures against static discharge.  
 P233: Keep container tightly closed.

**Response:**

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.  
 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.  
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**Storage:**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P235: Keep cool.

**Disposal:**

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

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Colorless Liquid

**IMMEDIATE CONCERNS:** Flammable liquid and vapor. Irritating to eyes and skin. May cause central nervous system effects. May cause irritation of respiratory tract. Aspiration hazard if swallowed - can enter lungs and cause damage.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes eye irritation.

**SKIN:** Irritating to the skin.

**INGESTION:** Swallowing may be harmful. Aspiration Hazard (swallowing, vomit). May result in lung inflammation and lung injury.

**INHALATION:** Inhalation may cause respiratory tract irritation. Aspiration can cause significant lung damage.

**MEDICAL CONDITIONS AGGRAVATED:** May aggravate pre-existing medical conditions of the following organs: Eyes, Skin, Liver, Kidney, Nervous system, Respiratory System; Lung (asthma conditions).

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Stoddard Solvent	100	8052-41-3

**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, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. 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 (not mouth-to-mouth in the event of ingestion or inhalation). If breathing is difficult, give oxygen. Seek immediate medical attention.

**NOTES TO PHYSICIAN:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Category 3 Flammable Liquid

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

**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:** Eliminate all sources of ignition. Take up small spills using non-combustible absorbent material. Transfer to proper disposal container.

**LARGE SPILL:** Flammable Liquid. Keep away from heat and other sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or non-combustible material. Do not touch spilled material. Prevent entry into sewer, basement or confined areas; dike if needed.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not allow spill to enter drains, sewers or waterways.

**SPECIAL PROTECTIVE EQUIPMENT:** Remove all non-essential personnel from spill area. Extinguish all ignition sources (flame, sparks, etc.). Always wear proper PPE when dealing with spills.

## 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:** Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers. Keep in cool, dry well-ventilated area. Keep container closed when not in use. Ground fixed equipment.

## 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>
Stoddard Solvent	TWA	500	2900	100	525

**ENGINEERING CONTROLS:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

#### **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).

**PROTECTIVE CLOTHING:** Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Launder any clothing or protective equipment that has been contaminated before reuse. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

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

**PHYSICAL STATE:** Liquid.

**ODOR:** Petroleum odor.

**ODOR THRESHOLD:** No data available.

**APPEARANCE:** Colorless Liquid

**COLOR:** Clear to White

**pH:** N/A = Not Applicable

**PERCENT VOLATILE:** No data available.

**FLASH POINT AND METHOD:** 38°C (108°F) Closed Cup

**FLAMMABLE LIMITS:** 1% to 7.5%

**AUTOIGNITION TEMPERATURE:** 230 °C (446 °F)

**VAPOR PRESSURE:** < 1.5 mm Hg @ 20 C

**VAPOR DENSITY:** 4.8 (Air =1)

**BOILING POINT:** 149°C (300°F) to 213°C (415°F)

**MELTING POINT:** -40°C (-40 °F)

**SOLUBILITY IN WATER:** Insoluble.

**EVAPORATION RATE:** .14 (Butyl Acetate = 1)

**SPECIFIC GRAVITY:** 0.78 (Water = 1)

**(VOC):** 100.000 %

### **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.

**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)
Stoddard Solvent	> 500 mg / kg (Rat)	> 3000 mg / kg (dermal Rabbit)	> 5500 mg/m <sup>3</sup> (4h)

**EYE EFFECTS:** Eye irritant

**SKIN EFFECTS:** Skin Irritant.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.

**ECOTOXICOLOGICAL INFORMATION:** Do NOT discharge into sewers or waterways. Numerical data is not available. Assumed to be toxic to aquatic life and the environment for safety.

**BIOACCUMULATION/ACCUMULATION:** Has the potential to Bioaccumulate

## 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:** Petroleum Distillates, n.o.s.

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** 1268

**PACKING GROUP:** III

**NAERG:** 128

**MARINE POLLUTANT #1:** Not Listed.

### AIR (ICAO/IATA)

**SHIPPING NAME:** Petroleum Distillates, n.o.s.

**UN/NA NUMBER:** 1268

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** III

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Petroleum Distillates, n.o.s.

**UN/NA NUMBER:** 1268

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** III

**MARINE POLLUTANT #1:** Not Listed.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Fire Hazard, Immediate (acute) Health Hazard.

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

**313 REPORTABLE INGREDIENTS:** Not Listed.

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

**CERCLA REGULATORY:** Not Listed.

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All items are TSCA listed

#### CLEAN AIR ACT

**40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** N/A = Not Applicable

**CALIFORNIA PROPOSITION 65:** This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**CLEAN WATER ACT:** N/A = Not Applicable

### CANADA

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** B2 Combustible Liquid; D2B Toxic Material

**DOMESTIC SUBSTANCE LIST (INVENTORY):** Listed.

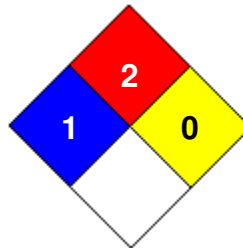
## 16. OTHER INFORMATION

**PREPARED BY:** BC

### HMIS RATING

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>2</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	

### 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.