

SAFETY DATA SHEET



Date Issued : 2/24/2014
SDS No : 129190

Mineral spirits

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Mineral spirits
GENERAL USE: Solvent
PRODUCT CODE: 129190, 129191

MANUFACTURER

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

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 skin 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 with water 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, CO₂, 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 ³ | ppm | mg/m ³ | |
| 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 ₅₀ (rat) | DERMAL LD ₅₀ (rabbit) | INHALATION LC ₅₀ (rat) |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| Stoddard Solvent | > 500 mg / kg (Rat) | > 3000 mg / kg (dermal Rabbit) | > 5500 mg/m ³ (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.

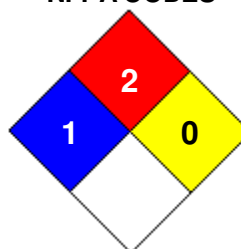
16. OTHER INFORMATION

PREPARED BY: BC

HMIS RATING

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