

SAFETY DATA SHEET



Date Issued : 6/24/2013

MSDS No : 129189

Date Revised : 9/11/2013

Revision No : 1

Mineral Spirits, Gallon Can

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Mineral Spirits, Gallon Can
PRODUCT CODE: 129189

MANUFACTURER

Fiberglass Coatings Inc.
 www.fgci.com
 4301A 34th Street North
 St. Petersburg, FL 33714
Customer Service: 800-272-7890
E-Mail: fgci@fgci.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel (800) 255-3924

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2
 Eye Irritation, Category 2A
 Target Organ Toxicity (Single exposure), Category 3

Physical:

Flammable Liquids, Category 3

GHS LABEL



Flame



Exclamation
mark

HAZARD STATEMENTS

H226: Flammable liquid and vapor.
 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.
 P241: Use explosion-proof electrical/ventilating/lighting/.../ equipment.
 P264: Wash ... thoroughly after handling.
 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.
 P233: Keep container tightly closed.
 P240: Ground/bond container and receiving equipment.
 P242: Use only non-sparking tools.
 P243: Take precautionary measures against static discharge.

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.
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.
 P370+P378: In case of fire: Use ... to extinguish.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.
 P405: Store locked up.
 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. Toxic to aquatic organisms. Aspiration hazard if swallowed, can cause lung damage.

POTENTIAL HEALTH EFFECTS

EYES: Can cause eye irritation. Symptoms include: stinging, tearing, redness, and swelling of the eyes.

SKIN: Can cause skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking of the skin, burns and other skin damage.

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

INHALATION: Aspiration may cause respiratory tract irritation or lung damage. May be harmful if inhaled.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Vol. %	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.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: Prolonged or repeated skin exposure may cause dermatitis. Possible carcinogen.

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.

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

APPEARANCE: Colorless Liquid

COLOR: Clear to White

pH: N/A = Not Applicable

FLASH POINT AND METHOD: 42°C (108°F)

FLAMMABLE LIMITS: 1% to 7.5%

AUTOIGNITION TEMPERATURE: 230°C (446°F)

VAPOR PRESSURE: 0.22 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: Very slightly soluble in cold water.

EVAPORATION RATE: .14 (Butyl Acetate = 1)

SPECIFIC GRAVITY: 0.78 (Water = 1)

(VOC): 784.000 g/L

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	> 5000 mg / kg (Rat)	> 3000 mg / kg (dermal Rabbit)	> 5500 mg/m ³ (4h)

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.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with all Local, State and Federal 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

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

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.

16. OTHER INFORMATION

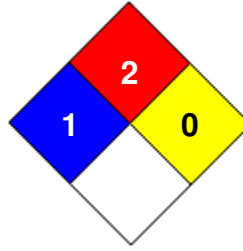
PREPARED BY: Fiberglass Coatings, Inc (HE)

REVISION SUMMARY: This MSDS replaces the 6/28/2013 MSDS. Revised: **Section 14: ADDITIONAL INFORMATION, AIR**

(ICAO/IATA) (SPECIAL PROVISIONS), DOT (DEPARTMENT OF TRANSPORTATION) - PROPER SHIPPING NAME ROAD AND RAIL (ADR/RID), ROAD AND RAIL (ADR/RID) (VEHICLE FOR TANK, PROPER SHIPPING NAME, UN NUMBER, PACKING GROUP), VESSEL (IMO/IMDG) (PRIMARY HAZARD CLASS/DIVISION, PACKING GROUP, UN/NA NUMBER).

HMIS RATING

HEALTH	*	1
FLAMMABILITY		2
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

NFPA CODES

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