

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Mineral Spirits / 7 solvent
Part No. MF_S_mineralspirits
Product Description: Mineral Spirits
Product Formulation Name: Mineral Spirits
Family Name: Petroleum Hydrocarbons
Generic Name: Stoddard Solvent, Naptha Solvent

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1. Manufacturer Information: Distributed by Michigan Fiberglass Sales
22900 E. Industrial Dr.
St. Clair Shores, MI 48080
Phone: 586-777-2032
Fax : 586-777- 0350

Emergency Phone Numbers:

586-777-2032
800-424-9300
Information:

Product Safety Information: 586-777-2032

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt %</u>	<u>CAS#</u>	<u>EINECS#</u>
Stoddard Solvent	100		052-41-3

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: May cause eye and skin irritation

Physical Appearance: Clear, Colorless liquid

POTENTIAL HEALTH EFFECTS

INHALATION

Moderate respiratory discomfort and/or headaches. Toxic systemic effects from inhalation are expected to be minor..

SKIN

Moderate irritation and discomfort. Defracting of skin and redness are possible. Toxic systemic effects from absorption are expected to be minor.

EYES

Moderate irritation and discomfort

INGESTION

Gastrointestinal tract irritation and/or discomfort possible.

Chronic:

Chronic effects of ingestion and subsequent aspiration into the lungs may cause pneumatocele (lung tumor) formation and chronic lung dysfunction

ROUTES OF ENTRY

Absorption, Inhalation, Ingestion

TARGET ORGAN STATEMENT

This substance is toxic to lungs, CNS, brain, mucous membranes, skin, eye, and possibly the blood, liver, kidneys, and reproductive systems.

3. FIRST AID MEASURES

INHALATION

Remove victim from area of exposure. If unconscious, give oxygen. Give artificial respiration if not breathing. Get immediate medical attention..

SKIN

Remove contaminated clothing, wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention.

EYES

Immediately flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention

INGESTION

DO not induce Vomiting. Get immediate medical attention.

4. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Foam, Dry Chemical, foam, or Carbon Dioxide

FIRE FIGHTING INSTRUCTIONS

Proper respiratory equipment to protect against hazardous effects of combustible products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.

FLAMMABLE PROPERTIES

Flash Point (105F) to (110F) ASTM D56

Flammable Limits: 0.5 to 6.0

Autoignition Temperature: (446 F)

Special fire Fighting Procedures: Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and for any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of a SCBA may not be required.

5. ACCIDENTAL RELEASE MEASURES

Small Spill:

Extinguish all sources and ventilate area. Evacuate all non-essential personell. Blanket spill with alcohol resistant foam to limit evaporation. Dike area to contain spill and clean up by absorbing on Inert absorbent or by other means. Liquid may be flammable even when mixed with water unless heavily diluted (>5:1). Do not flush into sewers or natural waterways.

Large Spill:

Contain material as described above and call the local fire or police department for immediate emergency assistance.

6. HANDLING AND STORAGE

HANDLING

Store in a cool, dry, ventilated area away from excessive heat, sparks and open flames. Avoid prolonged or repeated contactwith skin and/or breathing of vapors when handling. Keep containers closed when not in use.

STORAGE

Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks and flame.

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7. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure guidelines, additional ventilation or exhaust systems may be required. When explosive mixtures may be present, electrical systems safe for such locations must be used.

PERSONAL PROTECTION

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EYE AND FACE PROTECTION

Wear safety glasses with side shields or goggles when handling this material.

SKIN

To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole body suit, as appropriate.

RESPIRATORY PROTECTION

Use NOISH/MSHA approved respirators when vapor or mists concentrations exceed permissible exposure limits..

8. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild Hydrocarbon Odor

APPEARANCE: Clear

pH: Not Available

PERCENT VOLATILE: 100

VAPOR PRESSURE: 2.5 mmHg at 68F

VAPOR DENSITY: 4.7 (Air@1)

BOILING POINT: (300F) to (400F) ASTM D-2887

FREEZING POINT: (-85F) to (-13F)

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE: not available

SPECIFIC GRAVITY: 0.78 to 0.79 (water = 1)

9. STABILITY AND REACTIVITY

STABLE: yes

Stable

HAZARDOUS POLMERIZATION: no

CONDITIONS TO AVOID

Avoid heat, sparks and open flame.

INCOMPATIBILITY

Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

Oxidises of Carbon when burned.

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10. ECOLOGICAL INFORMATION

Environmental Data: This naphtha is potentially toxic to freshwater and saltwater ecosystems. It will normally float on water with its lighter components evaporating rapidly.

Ecotoxicological Information: Ecological effects testing has not been conducted on this material. If spilled, this naphtha its storage tank

11. DISPOSAL CONSIDERATIONS

Follow federal, state and local regulations. In Canada, follow federal, provincial and local regulations. This material is a RCRA hazardous waste. Do not flush material to drain or storm sewer. Contract to authorized disposal service.

13. TRANSPORT INFORMATION

DOT (DEPATRMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Methyl Ethyl Ketone

PRIMARY HAZARD CLASS/DIVISION:3

UN/NA NUMBER UN1193

PACKING GROUP: II

LABEL: FLAMMABLE LIQUID

14. OTHER INFORMATION

NFPA CODES

HEALTH:2 FIRE:3 REACTIVITY:0

HMIS CODES

HEALTH:2 FIRE:3 REACTIVITY:0 PROTECTION:X

Manufacturer Disclaimer:

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