



On Track Fiberglass Resin (ONT.0098/ONT.0099)

Safety Data Sheet ONT.0098/0099

Date of issue: 07/06/2006 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Synonyms : None
Hazard Class : Flammable Liquid
Chemical Class : Polyester Resin

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Supplier

MCGEHEE & MCGEHEE ENTERPRISES INC
120 SOUTH BOGGESS AVENUE
- USA
T (270) 338-4600 - F (270) 338-4602

1.4. Emergency telephone number

Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazardous Components

INGREDIENT	CAS #	PERCENT	OSHA PEL
Styrene	100-42-5	16.0%	50 ppm, TWA-I; 100 ppm, 15-min STEL

SECTION 3: Physical Data

3.1 Properties

Boiling Point: 293.4 Deg. F. @ 760 mm Hg
Vapor Pressure: 4.3 mm Hg @ 20 Deg. C.
Vapor Density: 3.6 times heavier than air
Specific Gravity: 1.1 g/mL @ 25 Deg. C.
Solubility in Water: Insoluble
Appearance: Pale pink liquid
Odor: Characteristic solvent odor
Evaporation Rate: Slower than ether

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SECTION 4: Fire & Explosion Data

4.1 Extinguishing Media

Carbon dioxide, foam or dry chemical

4.2 Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and various hydrocarbons may form

4.3 Special Firefighting Procedures

Use SCBA in Pressure-Demand or Positive Pressure mode. Styrene vapors are heavier than air and may travel some distance from their source before igniting. Do not use welding/cutting equipment or other ignition sources on or near drums of product.

4.4 Unusual Fire/Explosion Hazards

None

Flash Point: 84 Deg. F. (TCC)

Flammable Limits: 1.1%-6.1% in air

SECTION 5: Reactivity Data

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

STABILITY: STABLE

INCOMPATIBILITIES: Strong acids and alkalies; oxidizing agents

CONDITIONS TO AVOID: Exposure to excessive heat, open flames or sparks; storage for more than 30 days

SECTION 6: Health Hazard Data

6.1 Effects of Overexposure

May be absorbed through the skin. Contact with eyes or other mucous membranes may cause irritation or burns. Inhalation may cause nausea, dizziness, loss of coordination, headache, weakness, fatigue or unconsciousness. Excessive skin contact may lead to rashes or infection by defatting the skin. Prolonged exposure to high concentrations of vapor may lead to nerve, lung, kidney and/or liver damage.

No evidence of carcinogenicity has been shown.

6.2 Conditions Aggravated by Exposure

Asthma, Respiratory insufficiency.

SECTION 7: Spill and Leak Procedures

7.1 Small Spills/Leaks

Collect spills with absorbent material such as paper, vermiculite, and place in lab hood or remove to open air.

7.2 Large Spills/Leaks

Stop source of leak at its source. Remove all sources of ignition. Contain spilled material to prevent spreading. Transfer spilled material to salvage container. Remove residual as above. Use protective equipment and ventilate area.

7.3 Disposal

Collected material must be disposed of in accordance with existing local, state, and federal regulations, including SARA III provisions for hazardous waste reporting.

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SECTION 8: Personal Protective Equipment

Neoprene or nitrile rubber gloves and apron, chemical splash goggles and proper half-face respirators if the ambient styrene levels exceed the OSHA PEL. NOTE: The use of respirators requires a Respirator Training Program for users. Full-length shirt and trousers must be worn.

SECTION 9: Emergency First Aid Procedures

Wash exposed skin thoroughly with soap and water. Remove and launder contaminated clothing. For eye contact, flush completely with tepid water, lifting upper and lower lids. A physician must examine affected eyes. If swallowed, DO NOT INDUCE VOMITING. Keep the person warm and calm. Get medical attention promptly. For inhalation, remove the person to fresh air. If breathing is labored, administer oxygen. If breathing has stopped, use artificial respiration. Keep the person warm and quiet, and get medical attention.

SECTION 10: Other Information

Styrene is subject to the reporting requirements of SARA III, Section 313.

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