

Toll Free: 1.800.551.9759 | Tel: 1.800.551.9759 | Fax: 209-234-5790 | [www.speedlinepvc.com](http://www.speedlinepvc.com)

## Section I - Product Identification

Manufacturer's Name:

Speedline Corp.

501 W. Camel Street

Greensboro, NC 27401

Emergency telephone number: Chemtel 800-255-3924

Telephone number for information: 412-271-3060

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## Section II - Hazardous Ingredients/Identity Information

Tetrahydrofuran CAS # 109-99-9 (45 -55%)

OSHA PEL 200 PPM

ACGIH TLV 200 PPM

Other recommended limits STEL 250 PPM

Methyl Ethyl Ketone CAS # 78-93-3 (35-45%)

OSHA PEL 200 PPM

ACGIH TLV 200 PPM

Other recommended limits STEL 300 PPM

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## Section III - Physical/Chemical Characteristics

Appearance: White or Clear liquid. Consistency of syrup. Characteristic solvent odor.

Boiling Point: 151 F.

Vapor pressure (mm Hg): 190

Vapor Density ( Air =1): 2.5

Specific gravity (H<sub>2</sub>O=1): Approximately 0.9

Melting Point: Not applicable - liquid at room temperature.

Evaporation rate (butyl acetate=1): 5.5 to 8

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### Section IV-Fire and Explosion Hazard Data

Flash point (Method used): 7 F tag closed cup.

Flammable limits at 25 C: LEL 1.8% UEL 11.8%.

Extinguishing media: Dry chemical, carbon dioxide or alcohol foam.

Special fire fighting procedures: Water may be used to cool containers but may be ineffective in controlling fire.

Unusual Fire and Explosion Hazards: Fire hazard because of low flash point, high volatility, and heavy vapor.

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### Section V - Reactivity Data

Stability: Stable.

Hazardous Polymerization: Will not occur.

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### Section VI - Health Hazard Data

Health Hazards (Acute and Chronic): Inhalation may cause nausea, dizziness, headache. Skin contact may cause dermatitis. Eye irritant. If swallowed, may cause liver and kidney damage.

Carcinogenicity: NTP?: No.

IARC Monographs?: No.

OSHA Regulated?: No.

Signs and symptoms of exposure: Severe over exposure may result in nausea, dizziness or headache. Can cause narcosis. Has normal defatting effect of solvents on skin. Medical Conditions Generally Aggravated by Exposure: Pre-existing skin and respiratory disorders.

Emergency and First Aid Procedures: Irritant to eyes and nasal passages. If overcome by vapors remove to fresh air. For contact with skin, flush with water for 15 minutes.

For contact with eyes, immediately flush with water, call Physician. If swallowed, do not induce vomiting, call a physician, poison control center, or hospital immediately.

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### Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Eliminate all ignition sources. Avoid breathing vapors. Keep liquid out of eyes. Prevent liquid from entering sewers.

Waste Disposal Method: Dispose of in accordance with federal, state, and local laws. If approved, may be incinerated, evaporated, or disposed of in approved hazardous waste landfill. Marsh Laboratories recommends evaporation as the preferred method of disposal.

To evaporate, leave container open in an outdoor location for 30 days. When material is completely evaporated, dispose of the dauber cap in a non-hazardous landfill, and recycle the steel can.

Precautions to be take in handling and storing: Keep away from heat, sparks, open flame, and other sources of ignition. Use with adequate ventilation. Avoid contact with skin.

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### Section VIII - Control Measures

Respiratory Protection (Specify Type) None required with normal ventilation. If using where ventilation cannot be supplied, a half-mask respirator with an organic-vapors cartridge is recommended.

Protective gloves: Rubber or PVA

Eye Protection: Chemical safety goggles to prevent splashing in eyes.

Other protective Clothing or Equipment: Rubber, polyethylene, or Tyvek apron.

Work/Hygiene Practices: Use good industrial hygiene practice.

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### Section IX - Transportation Information

US Department of Transportation

Hazard Class: 3

Shipping Name: Adhesive, Flammable Liquid

Technical Shipping Name: Tetrahydrofuran

ID Number UN1133

Packing Group: II

Labels: Flammable Liquid

Exemptions: 1 Liter or smaller containers ship as Limited Quantity / ORM-D No label or placard required.

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### Section X - Miscellaneous Information

VOC Content: 590 grams per liter.

HMIS:

H: 2

F: 4

R: 1

PP: B