

Pro-Tite™ Resin Based Thread Sealant

MSDS# CLL

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4 Total Pages

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

Specialty Chemical Manufacturing
A DiversiTech Company
1633-B High Bridge Road
Quincy, FL 32351

EMERGENCY Phone No.: 1+800.434.9300 Chem-Tel (Chemical Emergencies Only)

Phone Number for Information: 850-875-1716 **Fax:** 850-627-2699

Date Revised: 05/10/2012

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2. HAZARDS IDENTIFICATION

Carcinogen Status: Established uses of denatured ethanol are not considered to pose a significant cancer hazard.

Routes of Exposure:

Swallowing: May cause dizziness, faintness, drowsiness decreased awareness or responsiveness, nausea, vomiting, staggering gait, lack of coordination, blindness, coma and death.

Skin Absorption: Prolonged or widespread contact may result in the absorption of potentially harmful amounts.

Inhalation: High vapor concentration may cause burning sensation in nose and throat and stinging and watering in the eyes. At concentrations which cause irritation, dizziness, faintness, drowsiness, nausea and vomiting may also occur.

Skin Contact: Prolonged or repeated contact may cause defatting and drying of the skin.

Eye Contact: May cause irritation including stinging, tearing, and redness.

Effects of Repeated Overexposure: Long term repeated oral exposure to ethanol may result in the development of progressive liver injury with fibrosis. Overexposure to methanol may cause eye damage and liver or kidney injury.

Other Health Hazards: None suggested for the mixture.

Medical Conditions Aggravated by Overexposure: Repeated exposure to ethanol may aggravate liver injury produced from other causes. Skin contact may aggravate dermatitis.

3. COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	CAS No.	EINECS No.	% or Range	Hazard Symbol	Risk Phrases
Ethanol	64-17-5	200-578-6	20-30	F, T	R11, 23,24,25,39
Isopropanol	67-63-0	200-661-7	0-5	F, Xi	R11, 36, 67
Methanol	67-56-1		0-2	F, T	R11, 23,24,25,39

See Section 15 for explanation of Risk Phrases.

4. FIRST-AID MEASURES

Obtain medical attention for all cases of over-exposure.

Ingestion: If patient is fully conscious, give two glasses of water. Induce vomiting. Obtain medical attention.

Skin: Wash skin with soap and water for at least 15 minutes.

Inhalation: Remove to fresh air; Give artificial respiration if not breathing; If breathing is difficult oxygen may be given by qualified personnel; obtain medical assistance is discomfort persists.

Eye Contact: Flush eyes with water for at least 15 minutes. Obtain medical assistance.

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5. FIREFIGHTING MEASURES

Extinguishing media: Apply alcohol-type or all-purpose foam by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

Special Fire Fighting Procedures: Use water spray to cool fire-exposed containers and structures; Use water spray to disperse vapors - re-ignition is possible; Use self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: Vapors may travel to source of ignition and flash back. Vapors may settle in low or confined spaces, or produce a floating fire hazard. Static ignition hazard can result from handling and use.

6. ACCIDENTAL RELEASE MEASURES

Remove contaminated clothing immediately. Remove unnecessary personnel from the area of the spill. Small spills can be wiped or scraped up.

Large spills: Eliminate all ignition sources; ground all equipment; do not walk through spill; stop spill if possible; prevent entry into sewers, confined spaces, etc.; use a vapor suppressing foam to reduce vapors; absorb spill with noncombustible matter and transfer to containers; use non-sparking tools to collect absorbed material. Refer to section 13 for disposal information.

7. HANDLING AND STORAGE

Flammable material - keep away from heat, sparks, and flame; sudden releases of hot organic vapors or mists from process equipment operating at elevated temperature may result in ignitions without the presence of obvious ignition sources. Avoid contact with eyes. Keep container closed. Use with adequate ventilation. Empty containers may retain residue. All containers should be disposed of in an environmentally safe manner, and in accordance with all governmental regulations. Keep this and all chemicals out of the reach of children. Wash thoroughly after handling. Vapors may settle in low or confined areas. Danger - may cause blindness or death if swallowed.

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Exposure Limits:

OSHA TLV:

Ethanol, CAS# 64-17-5: 1000 ppm

Isopropanol, CAS# 67-63-0: 400 ppm

Methanol, CAS# 67-56-1: 200 ppm

Respiratory Protection (Specify Type): Use in a well-ventilated area. If vapors are generated and exceed the TLV, use of air-purifying respirators and follow respiratory program meeting OSHA 910.134 and ANSI Z88.2 requirements.

Ventilation: Local exhaust is recommended when used in enclosed areas.

Protective Gloves: Neoprene, latex or other materials may be used if there is documented evidence of compatibility.

Eye protection: Safety glasses (ANSI Z87.1) or approved equivalent as necessary to minimize eye contact hazards.

Other Protective Clothing: Neoprene aprons, overshoes, oversleeves or other impervious clothing as necessary to minimize exposure.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking using the toilet.

9. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: Not applicable

Appearance: Blue-gray paste

Odor: Mild alcohol odor

Specific gravity (H₂O = 1): 1.11

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Flash Point: 17°C

Vapor pressure (mm Hg): ~45 pH: Not applicable

Melting Point (Pour Point): Not applicable

Vapor Density (Air = 1): 1.6

Evaporation Rate (Butyl acetate = 1): ~3.3 (for solvent phase)

Solubility in water: insoluble solid phase; solvent phase is water-miscible

10. STABILITY AND REACTIVITY

Stability - Stable

Conditions to avoid: None

Incompatibility (Materials to avoid): Strong oxidizers, strong acids,

Hazardous Decomposition or Byproducts: May evolve carbon monoxide, carbon dioxide,

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicity-LD50: 7060.00 mg/kg (oral rat) (for denatured alcohol)

Health Warnings: Vapor is harmful on prolonged exposure or in high concentration.

When in a concentration of more than 50%, ethanol causes local mucosal lesions through dehydration and albumin precipitation.

Absorption, which occurs swiftly from the gastrointestinal tract, causes euphoria, with subsequent dizziness, inebriation, paralysis, diminished reflex, excitability, cyanosis, narcosis and respiratory paralysis. Dangerous intolerance reactions and increased absorption occur through the simultaneous action of disulfiram, trichloroethylene, tetra-chloromethane, nitrobenzene, carbon disulfide, aniline, lime-nitrogen, arsenic, lead and mercury. CNS depressant. Repeated exposure may cause chronic eye irritation, defatting, drying and cracking of skin, mild dermatitis, or allergic skin rash. Swallowing concentrated chemical may cause severe internal injury.

Medical Symptoms: Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. Skin irritation.

Nausea, vomiting.

Medical Considerations: Convulsive disorders, CNS problems.

12. ECOLOGICAL INFORMATION

When released into the soil, this material is expected to readily biodegrade, and may release into groundwater. When released into water, the material is expected to readily biodegrade, may evaporate to a moderate extent, and not expected to bio-accumulate. When released into air, this material is expected to be readily degraded

13. DISPOSAL CONSIDERATIONS

Vapors may collect in empty containers. Treat empty containers as hazardous. Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations.

14. TRANSPORT INFORMATION

DOT: ORM-D (domestic) for inner packagings containing 1 liter or less

UN ID No.: 1133

Proper Shipping Name: Adhesives,

Hazard Class: 3

Packing Group: III

IMO: UN1133, Adhesives, 3, PGIII

ADR: UN1133, Adhesives, 3, PGIII

CTDG: UN1133, Adhesives, 3, PGIII

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15. REGULATORY INFORMATION

Risk Phrases:

R11: Highly flammable

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed

R36/37: Irritating to eyes and respiratory system

R39: Danger of very serious irreversible effects

Federal EPA

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release quantities of Hazardous Substances is not required for this material.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on threshold planning quantities and release reporting based on reportable quantities in 40 CFR 355 (used for SARA 302, 304, 311, and 312) is not required for quantities below 250 pounds.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This material is not subject to reporting requirements.

Toxic Substances Control Act (TSCA) Status: The ingredients of this product are on the TSCA inventory.

State Right to Know

California Proposition 65: This product contains ethanol known to the State of California to cause developmental toxicity when ingested.

Massachusetts: Hazardous substances and extraordinarily hazardous substances must be identified.

Components present which could require reporting: Hazardous (=>1%): Ethanol (CAS 64-17-5) upper bound conc. 74.7%

Isopropanol (CAS 67-63-0) upper bound conc. 18.1%

Pennsylvania: Hazardous substances must be identified. Hazardous (=>1%): Ethanol (CAS 64-17-5) upper bound conc. 74.7%

Isopropanol (CAS 67-63-0) upper bound conc. 18.1%

California SCAQMD Rule 443.1 (VOC's): VOC 350g/l 41.4mmHg

16. OTHER INFORMATION

HMIS Data

Health: 2

Flammability: 3

Reactivity: 0

Contact: 2 - Moderate

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