

SDS# CLL-1, CLL-4

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Total Pages: 6

Pro-Tite™

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pro-Tite™

Catalog Number: CLL-1, CLL-4

Relevant identified uses of the substances or mixture

Thread sealant that forms a flexible fluid tight seal.

Manufactured by (USA): DiversiTech Corporation
3039 Premiere Parkway
Duluth, GA, 30097

Manufactured for (UK): DiversiTech UK Limited
Glaisdale Drive East
Nottingham
NG8 4LY
United Kingdom
Tel: +44 1159005858
Fax: +44 1159294468
Email: www.diversitech.com

Emergency Phone No.: 1 800.255.3924 (USA) 001+ 1813 248 0585 (UK), 24 Hours, 7 Emergency Days, Chem-Tel, Inc .

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SECTION 2. HAZARDOUS IDENTIFICATION

GHS Classification:

Flammable Liquids Category 3

Specific Target Organ Toxicity (Single Exposure) Category 3

Label Elements:



Signal Word Danger!

Hazard Statement(s)

H226 Flammable liquid and vapour.
H335 May cause respiratory irritation.

Precautionary statement(s)

P102 Keep out of reach of children.
P103 Read label before use.
P202 Do not handle until all safety precautions have been read and understood.
P233 Keep container tightly closed.
P262 Do not get in eyes, on skin, or on clothing.
P260 Do not breathe the mist, vapours, or spray.
P280 Wear rubber, nitrile, or neoprene protective gloves and clothing, and safety goggles or face shield to protect eyes and face.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P370+378 In case of fire: Use apply alcohol-type or all-purpose foam for large fires. Use carbon dioxide or dry chemical media for small fires.
P403+235 Store in a well ventilated place. Keep cool.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	EINECS No.	EC Index No.:	% or Range	GHS Classification
Ethanol	64-17-5	200-578-6	603-002-00-5	20-30	H225: Highly flammable Category 2 Liquid and vapour H319: Causes serious Eye irritation. Category 2A

*None of the ingredients listed in Section 3 contain REACH registration numbers.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Skin Contact: Wash skin with soap and water for at least 15 minutes if irritation develops or persists, get medical attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing lifting lower and upper eyelids occasionally. If irritation persists, get medical attention.

Ingestion: Rinse mouth. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Call your national POISON CENTRE information service or doctor for medical advice.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If not breathing give artificial respiration. Get medical attention.

4.2. Signs and Symptoms of Exposure:

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.

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

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.

SECTION 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 hazards arising from the substance or mixture

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.

Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Use water spray to keep fire-exposed containers cool and to knock down vapours that may result from product decomposition.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Remove contaminated clothing immediately. Keep unnecessary and unprotected people away from area of spill. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Keep spark, flames and heat sources away from spill. Ventilate area of leak or spill. Only personnel equipped with proper respiratory (organic vapour cartridge) and eye/skin protection (neoprene or nitrile gloves and aprons or coveralls; neoprene or urethane boots) should be permitted in the area until air has been tested and determined safe, including low lying areas.

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SECTION 6. ACCIDENTAL RELEASE MEASURES(cont)

Environmental precautions

Do not discharge into drains or rivers. Contain the spillage.

Methods and material for containment and cleaning up

Absorb and contain liquid with clay, vermiculite or other inert substance and package in a recovery drum or other suitable container for disposal.

Reference to other sections

Please refer to Section 8 for details on protective wear.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Protect from physical damage. Ensure there is sufficient ventilation of the area. Wash hands after handling.

Conditions for Safe Storage, Including any Incompatibilities

Store in a cool dry ventilated area away from sources of extreme heat moisture and incompatibilities.

Specific end use(s)

No further details

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA TLV:

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

UK- TWA: 1000 ppm

UK-TWA: 1920 mg/m³

Appropriate Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators (NIOSH Approved):

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. Filter device type EN 371. Filter suitable for organic gases and vapors according to EN14387.

Skin Protection: Wear rubber, neoprene, nitrile, Saranex® boots, gloves, lab coat, apron or coveralls, as necessary and appropriate, to prevent skin contact. Protective gloves according to directive EN 374. For prolonged contact: Protective gloves made of Nitrile permeation time is: > 160 mins layer thickness: 3.1 mil.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities or a source of running water in the work area. Goggles according to directive EN 166.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste

Colour: Gray

Odor: Mild alcohol-like

Odor Threshold: No data available

pH @ 25°C: No data available

Melting Point (Pour Point): No data available

Oxidising Properties: No data available

Specific gravity (H₂O = 1): 1.11

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

Octanol/Water Partition Coefficient: No data available

Autoignition Temperature: No data available

Density: No data available

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES (cont)

Viscosity: No data available

Explosive Properties: No data available

Flash Point: 17°C

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

Flammable Limits: No data available

Vapor pressure (mm Hg): ~45 mm Hg @ 20°C

Freezing Point: No data available

Boiling Point: No data available

Decomposition Temperature: No data available

LEL:

UEL:

Vapor Density (Air = 1): 1.6

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

No data available.

Conditions to Avoid

Heat, Incompatibles.

Incompatible Materials

Strong oxidizers and strong acids.

Hazardous Decomposition Products

May evolve carbon monoxide, carbon dioxide if burned.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Acute Toxicity: No data available

Irritation: If in contact with eye, there may be irritation and pain.

Corrosive: Non-Corrosive.

Sensitisation: Not expected to be a sensitizer

Repeated dose toxicity: Repeated exposure may cause skin dryness or cracking.

Carcinogenicity: Not expected to be carcinogenic.

Mutagenicity: Not expected to be mutagenic.

Toxicity for reproduction: Not expected to be toxic to reproduction.

Route of exposure: Inhalation

Symptoms related to the physical, chemical and toxicological characteristics: Long term repeated oral exposure to ethanol may result in the development of progressive liver injury with fibrosis.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

No data.

Persistence and degradability

Biodegradable

Bioaccumulative potential

No bioaccumulation potential.

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SECTION 12. ECOLOGICAL INFORMATION(cont)

Mobility in soil

Readily absorbed into soil.

Other adverse effects

None

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal operations: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility.

Disposal of packaging: Ensure that containers are empty before discarding.

Please follow all local, regional, national and international laws.

SECTION 14. TRANSPORTATION INFORMATION

UN Number: UN1133

UN Proper Shipping Name: Adhesives(DOT), Flammable Liquid

Transport Hazard Class: 2

Packing Group: II

DOT classification: UN1133, Adhesives, Flammable Liquid, Hazard Class 2, Packing group II, Limited Quantity.

ORM-D(domestic) for inner packaging containing 1 liter or less.

ADR/RID: UN1133, Adhesive, Flammable Liquid, 2, PGII

IMO/IMDG: UN1133, Adhesive, Flammable Liquid, 2, PGII

SECTION 15. REGULATORY INFORMATION

Chemical safety assessment

A chemical safety assessment has not been conducted.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

SECTION 16. OTHER INFORMATION:

Revision Summary: All Sections: New GHS Format and accordance with Regulation (EU) No 453/2010.

SDS DATE REVISED: 9/20/2019

HMIS III®

NFPA/HMIS III Ratings: Health: **0** Flammability: **1** Reactivity: **0**

Health	0
Flamability	1
Physical Hazard	0
Personal Protection	B

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SECTION 16. OTHER INFORMATION (cont.)

ABBREVIATIONS:

UN Model Regulations means the Model Regulations annexed to the most recently revised edition of the Recommendations on the Transport of Dangerous Goods published by the United Nations.

IMDG Code means the International Maritime Dangerous Goods code, as amended.

ADR means the European Agreement concerning the International Carriage of Dangerous Goods by Road, as amended.

RID means the Regulations concerning the International Carriage of Dangerous Goods by Rail, as amended.

ADN means the European Agreement concerning the International Transport of Dangerous Goods by Inland Waterways, as amended.

Sources of Key Data:

UK Regulatory References: The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

EU Directives: Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to

Dangerous Preparations. 2001/58/EC.

Statutory Instruments: Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

Approved Code of Practice: Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations

Dangerous for Supply. British

Guidance Notes: Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

National Regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

Classification and Labelling Guidance: Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Annex 2

Precautionary Statement and Pictograms: Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Annex 3

Guidance on the Preparation of Safety Data Sheets: Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Annex 4