

Material Safety Data Sheet

Section 1 Product and Company Identification

Product Name: LEAK-TITE BLUE
MSDS #: 111 Date Prepared: January 9, 1995
Revision #: 1.4 Date Revised: Feb.20,2007

Manufacturer:

Supplier/Importer:

LA-CO INDUSTRIES, Inc. *Markal Co.*

1201 Pratt Blvd.

Elk Grove Village, IL, USA

60007-5746

Information Telephone: 847-956-7600

Emergency Telephone: Call CHEMTREC

USA 800-424-9300

International (Call Collect) 1-703-527-3887

Chemical Formula: Mixture

CAS No.: Not Applicable. Synonyms: Not Applicable.

Derivation: Not Applicable.

General Use: Pipe thread sealant for metal and plastic threads.

Section 2 Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>%</u>
Leak-Tite Blue has been biologically evaluated and proven non-toxic and non-irritating within the meaning of the U.S. Federal Hazardous Substances Labeling Act.		

No Hazardous ingredients according to the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canadian WHMIS regulations.

(For Section 2 footnotes: See Section 15)

Section 3 Hazards Identification

EMERGENCY OVERVIEW: None.

POTENTIAL HEALTH EFFECTS:

Primary Entry Routes: None

Acute Effects

Eyes: May cause mechanical irritation.

Skin: Not Applicable.

Ingestion: May cause nausea.

Inhalation: Not Applicable.

Chronic Effects

Eyes: Not Applicable.

Skin: Not Applicable.

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Ingestion: Not Applicable.

Inhalation: Not Applicable.

Carcinogenicity: Not Applicable.

Target Organ Effects: Not Applicable.

Medical Conditions Aggravated by Long-Term Exposure: Not Determined.

Other Information: Not Applicable.

HMIS Rating: Health 0, Flammability 1, Reactivity 0

Section 4

First Aid

Eye Contact: Flush with water.

Skin Contact: Wash with soap and water.

Ingestion: Consult physician if irritation develops.

Inhalation: Not Applicable.

Other Information: Not Applicable.

Section 5

Fire Fighting Measures

Flash Point (method): >300°F/150°C (toc)

Autoignition Temperature: Not Determined.

LEL: Not Determined.

UEL: Not Determined.

Flammability Classification: Not Determined.

Extinguishing Media: Water, Carbon Dioxide, Chemical Foam.

Hazardous Combustion Products: Hydrogen Fluoride, Perfluoro-carbon olefins, oxides of carbon.

Unusual Fire or Explosion Hazards: PTFE will emit Hydrogen Fluoride and perfluorocarbon olefins above 500°F.

Fire-Fighting Instructions/Equipment: Keep personnel removed and upwind of any fire. Wear full fire-fighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Keep containers cool by spraying with water.

NFPA Rating: Health 2, Flammability 1, Reactivity 0.

Section 6

Accidental Release Measures

Use recommended personal protective equipment (see Section 8).

Small Spill: Scrape up spills and place in steel container.

Wash remainder with soap and water. Spill area may be slippery.

Large Spill: Treat same as small spill.

Section 7

Handling and Storage

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Handling Precautions: Use recommended personal protective equipment (see Section 8). Wash thoroughly after handling.

Storage Requirements: Store in a cool, dry area.

Section 8 Exposure Controls/Personal Protection

Eye/Face Protection: None.

Skin Protection: None.

Respiratory Protection: None.

Other Personal Protective Equipment: Eye wash and safety shower.

Engineering Controls: Not Applicable.

Administrative Controls: Users of this product must be properly trained and qualified in its use.

Other Information: Fumes of decomposition (burning) are toxic.

Section 9 Physical and Chemical Properties

Appearance/Physical State: Blue paste/viscous liquid.

Odor: Grease-like.

Odor Threshold (ppm): Not Determined.

Specific Gravity (H₂O = 1): 1.5 (12.4 lbs./gal.)

Solubility in Water: Insoluble.

Coefficient of Water/Oil Solubility: <1

pH: Not Applicable.

Melting Point: Not Applicable.

Boiling Point: 350°F/177°C

Vapor Pressure (mm Hg at 20°C): Not Applicable.

Vapor Density (Air = 1): Not Applicable.

Evaporation Rate (n-BuAc=1): Not Applicable.

V.O.C.: 0(w/w), 0(v/v), 0 lbs./gal.

Section 10 Stability and Reactivity

Chemical Stability: Stable.

Hazardous Polymerization: Will Not Occur.

Conditions to Avoid: Not Applicable.

Chemicals to Avoid: Oxidizers, strong acids, strong alkalis, aromatic solvents, chlorinated solvents.

Hazardous Decomposition Products: Hydrogen fluoride, perfluoro-carbon olefins, oxides of carbon.

Section 11 Toxicological Information

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Sensitization to Product: Not Applicable.

Irritancy of Product: Not Applicable.

Reproductive Toxicity: Not Applicable.

Teratogenicity: Not Applicable.

Mutagenicity: Not Applicable.

Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

Section 12

Ecological Information

Not Determined.

Section 13

Disposal Considerations

Dispose of in accordance with applicable federal, state, and local regulations.

Section 14

Transport Information

U.S. D.O.T.: Cement or compound, pipefitting, class 55.

Section 15

Regulatory Information

Footnotes for Section 2:

1 Subject to the reporting requirements of SARA Title III, Section 313.

2 Appears on the California Safe Drinking Water and Toxic Enforcement Act Substances List.

3 Appears on the Massachusetts Substances List.

4 Appears on the New Jersey Right-To-Know Hazardous Substances List.

5 Appears on the Pennsylvania Hazardous Substances List.

6 Appears on the Canadian WHMIS Ingredient Disclosure List.

OSHA Hazard Status: This product is not considered to be hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

Toxic Substances Control Act (TSCA): All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

Canadian Domestic Substances List (DSL): All ingredients contained in this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).

European Inventory of Existing Chemical Substances (EINECS):

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All ingredients contained in this product are listed on the European Inventory of Existing Chemical Substances (EINECS).

WHMIS Rating (Canada): None.

Risk Phrases (Canada): None.

Precautionary Statements (Canada): None.

Further regulatory information regarding individual ingredients, if applicable, may be found in Section 2.

This product has been classified in accordance with the hazard criteria of the U.S. OSHA Hazard Communication Standard and the Canadian WHMIS Controlled Products Regulations. This MSDS contains all the information required by the above regulations and conforms to ANSI Z400.1-1993.

Section 16

Other Information

Abbreviations:

MSDS Prepared By: Director of Chemical Safety

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, LA-CO Industries, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will LA-CO Industries, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.