

Material Safety Data Sheet

IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by LA-CO Industries, Inc. (LA-CO) in accordance with the U.S. OSHA Hazard Communication Standard, Canadian WHMIS Controlled Products Regulations, British CHIP2 regulation 6, Australian NMRCWHS and ANSI Z400.1-1993 guidelines. The information contained herein must not be altered, deleted or added to, with the exception of adding supplier/importer information in the space provided. LA-CO has no objection to its MSDS being copied if: a) the copy is made for safety-related purposes; and b) no alterations or amendments are made to the text or format of the MSDS, with the exception of adding supplier/importer information in the space provided. LA-CO does not guaranty the accuracy of any MSDS for our products which: a) is not prepared by LA-CO; b) is not authorized by LA-CO; c) is not in the format originally supplied by LA-CO; or d) has otherwise been amended or altered by a third party, with the exception of adding supplier/importer information in the space provided.

Section 1 Product and Company Identification

Product Name: **SLIC-TITE PASTE with PTFE**
Revision #: 1.8 Date Prepared: December 7, 1994 Date Revised: February 20, 2007

Manufacturer:

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. **Derivation:** Not Applicable.

Synonyms: Not Applicable.

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

Supplier/Importer:

Section 2 Composition/Information on Ingredients

Slic-Tite Paste with PTFE 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.

Ingestion: Not Applicable.

Inhalation: Not Applicable.

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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.
Hazardous Combustion Products: Hydrogen Fluoride, Perfluorocarbon 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.

Flammability Classification: Not Determined.
Extinguishing Media: Water, Carbon Dioxide, Chemical Foam.

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

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: Eye protection recommended as good work practice.
Skin Protection: None.
Respiratory Protection: None.
Other Personal Protective Equipment: None.

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: White
paste/viscous liquid

pH: Not Applicable.
Specific Gravity (H₂O = 1): 1.48 (12.35 lbs./gal.)

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paste/viscous liquid.
Odor: Grease-like.
Odor Threshold (ppm): Not Determined.
Melting Point: Not Applicable.
Boiling Point: 350°F/177°C
Vapor Pressure (mm Hg at 20°C): Not Applicable.

Solubility in Water: Insoluble.
Coefficient of Water/Oil Solubility: <1
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.(U.S.), 0 kg/l

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: Not Determined.

Section 11 Toxicological Information

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

D.O.T. (U.S.)
Proper Shipping Name: Cement or compound, pipefitting, class 55.
Hazard Class or Division: Not Regulated.
Hazard Label: Not Regulated.
I.D. Number: Not Regulated.

TDG (Canada): Not Regulated.
IATA: Not Regulated.
ICAO: Not Regulated.
IMO: Not Regulated.
Australian Code for the Transport of Dangerous Goods
Dangerous Goods Class and Subsidiary Risk: Not Determined.

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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 (Prop. 65) 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.

U.S.A.

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

EPA SARA sec. 311/312 Hazard Categories: Not Applicable.

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

HMIS Rating: Health 0, Flammability 1, Reactivity 0

NFPA Rating: Health 2, Flammability 1, Reactivity 0

American Gas Association (AGA): Meets AGA requirements 4-90. Working temperature range -40°F to 125°F. Maximum working pressure 125 psi. Use with natural gas and LP gases (vapor state only). Use on steel, galvanized steel, iron, brass, copper and aluminum.

National Sanitation Foundation (NSF): Certified to ANSI/NSF Standard 61.

United States Department of Agriculture (USDA): Authorized by USDA for use in federally inspected meat and poultry plants.

Underwriters Laboratories (U.L.): Classified by U.L. in U.S.A. and Canada.

Meets **U.S. Federal Specification** TT-S-1732.

CANADA

WHMIS Status: This product is not considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

WHMIS Rating: None.

WHMIS Risk Phrases: None.

WHMIS Precautionary Statements: None.

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

E.U.

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

Categories of Danger (Labeling Information): None.

Risk (R) Phrases: None.

Safety (S) Phrases: None.

AUSTRALIA

Worksafe Australia Status: This product is not classified as hazardous according to criteria of Worksafe Australia.

HAZCHEM Code: None allocated.

Poisons Schedule Number: None allocated.

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, the Canadian WHMIS Controlled Products Regulations, the British CHIP2 regulation 6, and the Australian NMRCWHS. This MSDS contains the information required by the

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above regulations and conforms to ANSI Z400.1-1993.

Section 16

Other Information

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.