

Material Safety Data Sheet

Section 1 Product and Company Identification

Product Name:

T-O-T Pipe Joint Compound

Revision #: 2.3

Date Prepared: December 7, 1994

Date Revised: February 10, 2010

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 threads.

Supplier/Importer:

Section 2 Composition/Information on Ingredients

No Hazardous ingredients according to the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200, Canadian WHMIS regulations, British CHIP2 regulation 6, and Australian Regulations for the Control of Workplace Hazardous Substances.

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.

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

Chronic Effects

Eyes: Not Applicable.

Skin: Not Applicable.

Ingestion: Not Applicable.

Inhalation: Not Applicable.

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.

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Section 5

Fire Fighting Measures

Flash Point (method): >400°F/204°C (toc)

Autoignition Temperature: Not Determined.

LEL: Not Determined. **UEL:** Not Determined.

Hazardous Combustion Products: Carbon dioxide (CO₂), Carbon monoxide

Unusual Fire or Explosion Hazards: Not Applicable.

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: None known.

Section 9

Physical and Chemical Properties

Appearance/Physical State: Grey paste/viscous liquid.

Odor: Grease-like.

Odor Threshold (ppm): Not Determined.

Melting Point: Not Applicable.

Boiling Point: Not determined.

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

pH: Not Applicable.

Specific Gravity (H₂O = 1): 1.8 (15 lbs./gal.)

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: None known.

Chemicals to Avoid: Oxidizers, acids, alkalis, organic solvents.

Hazardous Decomposition Products: Not Determined.

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Section 11 Toxicological Information

Sensitization to Product: Not Applicable.

Teratogenicity: Not Applicable.

Irritancy of Product: Not Applicable.

Mutagenicity: Not Applicable.

Reproductive Toxicity: 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 Regulated.

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

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

CANADA

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

WHMIS Rating: None.

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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 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.