

# Material Safety Data Sheet

## Section 1 Product and Company Identification

Product Name:

**Epoxy-Stik**

Revision #: 1.2

Date Prepared: April 3, 1997

Date Revised: March 15, 1999

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: Multi-purpose epoxy putty.

Supplier/Importer:

## Section 2 Composition/Information on Ingredients

### Ingredient

Glycidyl ethers of bisphenol A resins

Tri(dimethylaminomethyl)phenol

Cystalline silica<sup>3,4,5,6</sup>

ACGIH/TLV 0.1mg/M<sup>3</sup>

OSHA/PEL 0.1mg/M<sup>3</sup>

### CAS No.

25068-38-6

90-72-2

14808-60-7

### %

13.0

1.4

12.5

(For Section 2 footnotes: See Section 15)

## Section 3 Hazards Identification

**EMERGENCY OVERVIEW:** WARNING: May cause irritation to sensitive skin. Wash hands with soap and water after use. Eye irritant. In case of eye contact, flush with water. Contact physician. May be harmful if swallowed. Keep out of the reach of children. When sanding cured putty or substrate, use protective eye wear and dust mask.

**ADVERTENCIA:** Puede provocar irritación en piel sensible. Lave sus manos con agua y jabón después de usar el producto. Irritación de los ojos. En caso de que exista contacto con los ojos, lave los ojos con abundante agua. Comuníquese con su médico. Puede ser perjudicial si es tragado. Manténgase fuera del alcance de los niños. Cuando pule la masilla ya seca o el substrato, utilice lentes de seguridad y una máscara para el polvo.

**ADVERTISSEMENT:** Peut irriter une peau sensible. Lavez-vous les mains avec une eau savonneuse après usage. Irritant pour les yeux, rincez avec de l'eau et communiquez avec votre médecin. Peut être dommageable si avalé. Tenir hors de la portée des enfants.

Lorsque vous poncez le produit fini, utilisez des lunettes de sécurité et masque filtrant.

### POTENTIAL HEALTH EFFECTS

**Primary Exposure Routes:** Eyes, Skin, Ingestion.

#### Acute Effects

**Eyes:** Possible irritant.

**Skin:** Possible irritant.

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**Ingestion:** Irritation of intestinal tract.

**Inhalation:** None.

## Chronic Effects

**Eyes:** Possible sensitizer.

**Skin:** Possible sensitizer.

**Ingestion:** None Known.

**Inhalation:** None Known.

**Carcinogenicity:** Not Applicable.

**Target Organ Effects:** Not Applicable.

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

**Other Information:** Not Applicable.

## Section 4

## First Aid

**Eye Contact:** Flush with plenty of water. Consult a physician.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Induce vomiting.

**Inhalation:** Not applicable.

**Other Information:** None.

## Section 5

## Fire Fighting Measures

**Flash Point (method):** None (toc)

**Autoignition Temperature:** Not Determined.

**LEL:** None. **UEL:** None.

**Flammability Classification:** None.

**Extinguishing Media:** Water spray, foam, carbon dioxide, dry chemical.

**Hazardous Combustion Products:** Carbon monoxide, aldehydes, acids, oxides of sulfur & nitrogen.

**Unusual Fire or Explosion Hazards:** None Known.

**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).

## Section 6

## Accidental Release Measures

Use recommended personal protective equipment (see Section 8).

**Small Spill:** Sweep or scrape up.

**Large Spill:** Pick up uncontaminated product for reuse.

## Section 7

## Handling and Storage

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

**Storage Requirements:** Store away from incompatible chemicals (see Sec. 10). Store in a cool, dry area.

## Section 8

## Exposure Controls/Personal Protection

**Eye/Face Protection:** Safety glasses.

**Skin/Hand Protection:** Polyethylene gloves for prolonged use.

**Respiratory Protection:** Not applicable.

**Other Equipment:** Eye wash.

**Engineering Controls:** Normal room ventilation. Local exhaust only if heated above 100°F (38°C).

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

**Other Information:** None.

## Section 9 Physical and Chemical Properties

**Appearance/Physical State:** White cylinder of putty.

**Odor:** Phenol-like.

**Odor Threshold (ppm):** Not Determined.

**Specific Gravity (H<sub>2</sub>O = 1):** 1.9 to 2.0

**Solubility - Water:** Insoluble.

- Fat: Soluble.

**Coefficient of Water/Oil Solubility:** <<1

**Partition Coefficient (n-octanol/water):** >>1

**pH:** Not Determined.

**Melting Point:** Not Determined.

**Boiling Point:** Not applicable.

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

**Vapor Density (Air = 1):** Non-volatile.

**Evaporation Rate (n-BuAc=1):** 0

**V.O.C.:** 0%(w/w), 0%(v/v), 0 lbs./gal.(U.S.), 0 kg/l

**Flash Point (method):** (see Section 5)

**Autoignition Temperature:** (see Section 5)

**Flammability Classification:** (see Section 5)

**Unusual Fire or Explosion Hazards:** (see Section 5)

**Oxidising Properties:** Not Applicable.

**Other Information:** None.

## Section 10 Stability and Reactivity

**Chemical Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None Known.

**Chemicals to Avoid:** Strong oxidizers, strong acids, strong bases.

**Hazardous Decomposition Products (non-thermal):** Not Determined.

## Section 11 Toxicological Information

**Sensitization to Product:** Possible eye and skin sensitization with prolonged contact.

**Irritancy of Product:** Possibly irritating to eyes and skin.

**Reproductive Toxicity:** Not Applicable.

**Teratogenicity:** Not Applicable.

**Mutagenicity:** Not Applicable.

Further hazard information, if applicable, may be found in Section 3. Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

## Section 12 Ecological Information

**Mobility:** Not Determined.

**Degradability:** Not Determined.

**Accumulation:** Not Determined.

**Ecotoxicity:** Not Determined.

**Other Adverse Effects:** Not Determined.

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## Section 13

## Disposal Considerations

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

## Section 14

## Transport Information

### U.S. D.O.T.

**Proper Shipping Name:** Not Regulated.

**Hazard Class or Division:** Not Regulated.

**I.D. Number:** Not Regulated.

**CANADIAN TDG:** 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.

## Section 15

## Regulatory Information

### Footnotes for Section 2:

- 1 Subject to the reporting requirements of SARATitle 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.

### U.S.A.

**OSHA Hazard Status:** This product is considered to be hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

**EPA SARA sec. 311/312 Hazard Categories:** Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard.

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

**HMIS Rating:** Health 1, Flammability 1, Reactivity 0

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

### CANADA

**WHMIS Status:** This product is considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

**WHMIS Rating:** D-1B, D-2B

**WHMIS Risk Phrases:** WARNING: May cause irritation to sensitive skin. Eye irritant. May be harmful if swallowed. Keep out of the reach of children.

AVERTISSEMENT: Peut irriter une peau sensible. Irritant por les l oeil. Peut être dommageable si avalé. Tenir hors de la portée des enfants.

**WHMIS Precautionary Statements:** Wash hands with soap and water after use. In case of eye contact, flush with water. Contact physician. When sanding cured putty or substrate, use protective eye wear and dust mask.

Lavez-vous les mains avec une eau savonneuse après usage. Rincez avec de l eau et communiquez avec votre médecin. Lorsque vous poncez le produit fini, utilisez des lunettes de sécurité et masque filtrant.

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

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## 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).

**CHIP 2 Categories of Danger (England):** (Xi) Irritating to skin, irritating to eyes. (Xn) Harmful, may cause sensitization by skin contact.

## AUSTRALIA

**Worksafe Australia Status:** This product is classified as hazardous according to criteria of Worksafe Australia.

**HAZCHEM Code (Australia):** Not Determined.

**Poisons Schedule Number (Australia):** Not Determined.

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.