

Material Safety Data Sheet

Section 1 Product and Company Identification

Product Name:

SOAPSTONE

Revision #: 2.2

Date Prepared: January 7, 1991

Date Revised: June 28, 2004

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: For the temporary marking of metal surfaces during welding and fabrication.

Supplier/Importer:

Section 2 Composition/Information on Ingredients

Ingredient

Soapstone (inhalable, respirable or dust) ^{3,5,6}

CAS No.

Not Applicable

%

100

ACGIH: TWA (inhalable) = 6 mg/m³, (respirable) = 3 mg/m³

(For Section 2 footnotes: See Section 15)

Section 3 Hazards Identification

EMERGENCY OVERVIEW: Avoid inhalation of dust.

POTENTIAL HEALTH EFFECTS

Primary Exposure Routes: Inhalation

Acute Effects

Eyes: None Expected.

Skin: None Expected.

Ingestion: None Expected.

Inhalation: Dust: Possible irritation.

Chronic Effects

Eyes: Not Applicable.

Skin: Not Applicable.

Ingestion: Not Applicable.

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 water.

Skin Contact: Wash with soap and water.

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Ingestion: Contact physician.
Inhalation: Contact physician.
Other Information: None Known.

Section 5 Fire Fighting Measures

Flash Point (method): Not Applicable.
Autoignition Temperature: Not Applicable.
LEL: Not Applicable. **UEL:** Not Applicable.
Flammability Classification: Not Applicable.
Extinguishing Media: Not Applicable.
Hazardous Combustion Products: Not Applicable.
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).

Section 6 Accidental Release Measures

Use recommended personal protective equipment (see Section 8). Sweep up. Avoid creating dust.

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: Suitable for related activities where this product is used.
Skin/Hand Protection: Suitable for related activities where this product is used.
Respiratory Protection: Dust respirator if dusting could occur.
Other Equipment: Suitable for related activities where this product is used.
Engineering Controls: Normal room ventilation. Local exhaust in confined areas where dusting could occur. Suitable for related activities where this product is used.
Administrative Controls: Users of this product must be properly trained and qualified in its use.
Other Information: No food or beverage should be consumed in the work area. Wash thoroughly before eating, drinking, or smoking.

Section 9 Physical and Chemical Properties

Appearance/Physical State: White solid.
Odor: Not Applicable.
Odor Threshold (ppm): Not Applicable.
Specific Gravity (H₂O = 1): >1
Solubility - Water: Insoluble
 - Fat: Insoluble
Coefficient of Water/Oil Solubility: Approximately 1
Partition Coefficient (n-octanol/water): Approximately 1
pH: Not Applicable.
Melting Point: Not Determined.

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Boiling Point: Not Determined.
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. (U.S. Clean Air Act Section 111): 0%
Flash Point (method): (see Section 5)
Autoignition Temperature: (see Section 5)
Flammability Classification: (see Section 5)
Unusual Fire or Explosion Hazards: (see Section 5)
Oxidizing Properties: Not Applicable.
Other Information: None.
Note: The physical data represented above are typical values and should not be construed as a specification.

Section 10 Stability and Reactivity

Chemical Stability: Stable
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None Known.
Chemicals to Avoid: None Known.
Hazardous Decomposition Products (non-thermal): Not Determined.

Section 11 Toxicological Information

Sensitization to Product: Not Applicable.
Irritancy of Product: Soapstone (inhalable, respirable or dust)
ACGIH: TWA (inhalable) = 6 mg/m³, (respirable) = 3 mg/m³
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. **Ecotoxicity:** Not Determined.
Degradability: Not Determined. **Other Adverse Effects:** Not Determined.
Accumulation: Not Determined.

Section 13 Disposal Considerations

Dispose of in accordance with all applicable regulations.

Section 14 Transport Information

D.O.T. (U.S.)
Proper Shipping Name: Not Regulated.
Hazard Class or Division: Not Regulated.
Hazard Label: Not Regulated.
I.D. Number: Not Regulated.
TDG (Canada): Not Regulated.

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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 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 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 1, Flammability 0, Reactivity 0

NFPA (704) Rating: Health 0, Flammability 0, Reactivity 0

CANADA

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

WHMIS Rating: D-1B

WHMIS Risk Phrases: Dust inhalation could be harmful.

WHMIS Precautionary Statements: Do not breath dust.

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): Harmful Xn

Risk (R) Phrases: Harmful by inhalation (R20).

Safety (S) Phrases: Keep out of the reach of children (S2), Keep away from food, drink and animal feedingstuffs (S13), Do not breath dust (S22).

AUSTRALIA

Worksafe Australia Status: Not Determined.

HAZCHEM Code: Not Determined.

Poisons Schedule Number: 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

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MSDS Prepared By: Director of Chemical Safety

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