



Health	2
Fire	0
Physical	0
Pers. Protection	A

Material Safety Data Sheet

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CHEMTREC 24-HOUR EMERGENCY RESPONSE

TOLL-FREE NUMBER: (800) 424-9300

CHEMTREC should be contacted only in the event of chemical accidents involving, fire, spill, exposure, or other emergency situations involving the chemical product described herein.

Section 1: Chemical Product Identification

PRODUCT NAME: **CARGO THERMOSTEEL**

HMIS CODES

Health: 2 Flammability: 0 Physical: 0

PRODUCT NUMBER: 8003; 8012; 8024; 18003; 18022K; 218003; 218022K; 18003EU; 18022KEU; 18003TRI; 18003US; 18022KTRI; 18022KUS

Section 2: Composition and Information on Hazardous Ingredients

HAZARDOUS INGREDIENTS:

<u>CAS NUMBER</u>	<u>CHEMICAL NAME</u>	<u>WEIGHT %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>
1344-09-8	Silicic acid, sodium salt	40 -50	ND	ND	ND
7439-89-6	Steel fines	40 -50	ND	ND	ND

Section 3: Hazards Identification

SUMMARY OF ACUTE HAZARDS

<u>ROUTE OF EXPOSURE</u>	<u>SIGN AND SYMPTOM</u>	<u>PRIMARY ROUTE</u>
INHALATION:	ND	NO
EYE CONTACT:	MAY CAUSE IRRITATION; IF NOT FLUSHED QUICKLY, MAY CAUSE SERIOUS VISION IMPAIRMENT, INCLUDING PERMANENT LOSS OF VISION.	YES
SKIN CONTACT:	MAY CAUSE IRRITATION	YES
INGESTION:	MAY CAUSE STOMACH DISTRESS, NAUSEA, AND VOMITING	YES

SUMMARY OF CHRONIC HAZARDS: None known

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NA

Section 4: First Aid Measures

- **EYE:** Remove any contact lenses and flush with running water for 15 minutes. Obtain medical attention if irritation persists or if vision is impaired. Failure to flush immediately and thoroughly may cause serious vision impairment or permanent loss of vision.
- **SKIN:** Flush with water. Wash with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing before reuse.
- **INGESTION:** Do not induce vomiting. Rinse mouth out. Obtain medical attention immediately. If unconscious, never give anything by mouth.
- **INHALATION:** N/A.

Section 5: Fire and Explosion Data

FLASH POINT °F: None

FLAMMABILITY LIMITS: LEL: NA UEL: NA

EXTINGUISHING MEDIUM: Non-flammable & non-combustible. Use medium appropriate for surrounding materials.

AUTO-IGNITION TEMPERATURE: NA

SPECIAL FIRE FIGHTING PROCEDURES: NA

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Section 6: Accidental Release Measures

PERSONAL PROTECTIVE EQUIPMENT: Use safety glasses to prevent splashing of material into eyes.

MATERIAL RELEASED OR SPILLS: Small spills may be absorbed with non-reactive absorbent material and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers, waterways, and soil. Neutralize liquid material with any dilute inorganic acid, and dispose of residue in accordance with all local, state, and Federal regulations. Alternatively, since material will solidify in a few hours upon exposure to air, allow spilled material to solidify, and dispose of as stated above.

Section 7: Handling and Storage

STORAGE: Keep out of reach of children. Store closed container upright away from incompatible materials and food. Do not store near flame or high heat to prevent damage to jar.

OTHER PRECAUTIONS: Do not re-use empty containers.

Section 8: Exposure Controls and Personal Protection

RESPIRATORY PROTECTION: None

ENGINEERING CONTROLS: General ventilation normally adequate.

SPECIAL: NA

PROTECTIVE GLOVES: Not needed in normal use

EYE PROTECTION: Use safety glasses to prevent splashing of material into eyes.

WORK/HYGENIC PRACTICES: Where use can result in skin contact, wash exposed area thoroughly before eating, drinking, smoking, or in food preparation. Launder contaminated clothing before re-use.

OTHER PERSONAL PROTECTION: As required by employer policies.

Section 9: Physical and Chemical Properties

APPEARANCE: Black paste

PHYSICAL STATE: Paste

VAPOR PRESSURE (mmHg): ND

SOLUBILITY IN WATER: Approximately 50%

SPECIFIC GRAVITY: 2.0-2.2

PARTITION COEFFICIENT OF WATER/OIL DISTRIBUTION: ND

ODOR: None

BOILING POINT (°F): 212-215

VAPOR DENSITY (AIR=1): ND

MELTING POINT: NA

EVAPORATION RATE (ETHYL ACETATE =1): ND

pH: 11.0-11.5

Section 10: Stability and Reactivity

STABILITY: Stable.

CONDITIONS TO AVOID: Contact with strong acids may produce rapid neutralization reaction with significant heat liberation.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

INCOMPATIBILITY: Strong acids.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11: Toxicological Information

CARCINOGENICITY: NTP: No IARC MONOGRAPHS: No OSHA REGULATED: No
REPRODUCTIVE TOXICITY: ND TERATOGENICITY: ND MUTAGENICITY: ND
SKINTEX DATA: ND

There is no LD₅₀ or LC₅₀ information available for humans.

Section 12: Ecological Information

WATER FOWL TOXICITY No data available for ingredients in this product.
BOD No data available for ingredients in this product.
AQUATIC TOXICITY No data available for ingredients in this product.

Section 13: Disposal Considerations

DISPOSAL METHOD: Dispose of in accordance with all local, state, and Federal regulations.
CONTAINER DISPOSAL: Dispose of in accordance with all local, state, and Federal regulations.

Section 14: Transport Information

DOT Proper shipping name: Not regulated.
OCEAN (IMDG): Not regulated.
AIR (IATA): Not regulated.
WHMIS (CANADA): Not regulated.
UN Number: None
NAFTA HS Code: 3214.10.0020

Section 15: Regulatory Information

TSCA: All ingredients are listed on the TSCA inventory.
SARA 313: None listed.
CERCLA RQ: NA.
RCRA CODE: NA.

Section 16: Other Information

THIS DOCUMENT IS PREPARED PERSUANT TO THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910. 1200).

LEGEND: ND = Not determined. NA = Not applicable.

The information provided herein is believed to be accurate and represents the best information currently available. However, Blue Magic, Inc. makes no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and assumes no liability resulting from use of MSDS information.

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