

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 105
Hercules furnace cement – clean 'n friendly formulation



Hercules Chemical Company Inc.
 111 South Street
 Passaic NJ 07055
 Phone (800) 221-9330
 Fax (800) 333-3456

Date Prepared: 2/7/2001 Last Reviewed: 4/12/2011

Meets OSHA 29 CFR 1910.1200

Section 2 - Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers) | OSHA PEL | ACGIH TLV | Other Limits | Upper Bound Limit if SARA Reportable |
|--|----------|-----------|--------------|--------------------------------------|
| Sodium silicate (1344-09-8) | N/E | N/E | N/A | -- |

HMIS Hazard Rating: Health: 2 Flammability: 0 Reactivity: 0 Personal Protection: A

Section 3 - Physical/Chemical Characteristics

| | | | |
|-----------------------|---------------------------------------|--|-------------------------|
| Boiling Point (°F): | Specific Gravity (H2O = 1): | Vapor Density (Air = 1): | Vapor Pressure (mm Hg): |
| N/A | 1.95 +/- .03 | N/A | N/A |
| Melting Point (° F) | Evaporation Rate: (Butyl Acetate = 1) | Solubility in Water: | VOC Level g/l : |
| N/A | N/A | Slightly soluble in water and water miscible | 0.0 |
| Appearance And Color: | Tan colored paste | | Odor: No odor |

Section 4 - Fire And Explosion Hazard Data

| | | | |
|--------------|-------------------|------|------|
| Flash Point: | Flammable Limits: | LEL: | UEL: |
| N/A | N/A | | |

Extinguishing Media: Non-flammable

Special Firefighting Procedures:
 None

Unusual Fire And Explosion Hazards:
 None

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** None

Incompatibility (Materials To Avoid): Product is alkaline. Avoid contact with acidic materials

Hazardous Decomposition: None

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry: Inhalation N/A **Skin** YES/Primary **Ingestion** Yes/Secondary

Health Hazards:

Prolonged contact with skin can cause irritation. Contact with eyes or open abraded skin can cause severe irritation with superficial destruction of skin tissue.

Carcinogenicity: **NTP** NO **IARC** NO **OSHA Regulated** NO

Signs And Symptoms of Exposure:

Will cause skin irritation on continued contact

Medical Conditions Generally Aggravated By Exposure:

None known

Emergency And First Aid Procedures:

Ingestion: Do not induce vomiting, dilute with water or milk, get medical attention. **Skin:** Wash thoroughly with water. **Eyes:** Flush the material out immediately with plenty of water for at least 15 minutes holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention.

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Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

This material is in the form of a paste. Use absorbent material and sweep up.

Waste Disposal Method:

Non-Hazardous landfill.

Precautions To Be Taken In Handling And Storing:

None

Other Precautions:

None

Section 8 - Control Measures:**Respiratory Protection:**

None required

Ventilation: Local Exhaust Adequate
Mechanical N/A

Special N/A

Other: N/A

Gloves: Rubber gloves

Eye Protection: Goggles or safety glasses

Other Protective Clothing: Standard work clothing.

Work/Hygienic Practices Wash thoroughly after handling.



FACTS
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AST!

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.