

# 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 # 106**  
*Hercules furnace cement – clean 'n friendly formulation – heavy body*



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: | Dark Gray/Black colored paste         | Odor:  | No Odor                 |

**Section 4 - Fire And Explosion Hazard Data**

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

**Extinguishing Media:** Non-flammable.

**Special Firefighting Procedures:**  
 None

**Unusual Fire And Explosion Hazards:**  
 None

Continued on Next Page

**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.

*Continued on Next Page*

**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.



**F**ACTS  
axed  
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.