

# 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*

Date Prepared: 2/7/2001 Last Reviewed: 6/8/2007

Meets OSHA 29 CFR 1910.1200



**MATERIAL  
SAFETY  
INFORMATION  
SERVICE**

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

## 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  
 (H<sub>2</sub>O = 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:

N/A

N/A

Slightly soluble in water and  
 water miscible

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

Continued on Next Page

**Section 5 - Reactivity Data**

Stability: Stable

Conditions To Avoid: None

Incompatability

Product is alkaline. Avoid contact with acidic materials

(Materials To Avoid):

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.