

# Material Safety Data Sheet

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Waxman Consumer Products Group Inc. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheet.

SECTION I - GENERAL INFORMATION																			
Waxman Consumer Products Group Inc. 24455 Aurora Road Bedford Heights, OH 44146 Telephone No: 1-440-439-1830 Fax No: 1-440-439-1262	For chemical emergencies during transportation only call INFOTRAC <b>1-800-535-5053</b> 24 hours per day - 7 days a week																		
<b>Date Prepared</b>  <p style="text-align: center;">1/1/02</p>	<b>Trade Name</b>  <p style="text-align: center;"><b>FURNACE &amp; RETORT CEMENT</b></p>																		
SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION																			
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL															
LIQUID SODIUM SILICATE	1344-09-8	10-20	TLV=2mg/m3	PEL=2mg/m3															
*Title III Section 313 Supplier Notification: this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency planning and community Right-to-Know Act of 1966 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.																			
<u><b>SHIPPING INFORMATION</b></u>  NOT HAZARDOUS FOR SHIPPING PURPOSES.	<u><b>SPECIAL HAZARD DESIGNATIONS</b></u>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="width: 40%;"></th> <th style="width: 10%; text-align: center;"><u>HMIS</u></th> <th style="width: 50%; text-align: center;"><u>HAZARD RATING</u></th> </tr> </thead> <tbody> <tr> <td>HEALTH</td> <td style="text-align: center;">2</td> <td>0 - MINIMAL</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">0</td> <td>1- SLIGHT</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">0</td> <td>2- MODERATE</td> </tr> <tr> <td>PROTECTIVE EQUIPMENT</td> <td style="text-align: center;">A</td> <td>3- SERIOUS 4- SEVERE</td> </tr> </tbody> </table>					<u>HMIS</u>	<u>HAZARD RATING</u>	HEALTH	2	0 - MINIMAL	FLAMMABILITY	0	1- SLIGHT	REACTIVITY	0	2- MODERATE	PROTECTIVE EQUIPMENT	A	3- SERIOUS 4- SEVERE
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SECTION III - PHYSICAL DATA																			
<b>APPEARANCE</b> <p style="text-align: center;">GRAY TO BLACK</p>	<b>ODOR</b> <p style="text-align: center;">ODORLESS MORTAR</p>	<b>BOILING POINT</b> <p style="text-align: center;">N/A</p>																	
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b> <p style="text-align: center;">1.75</p>	<b>VAPOR PRESSURE (mm Hg.)</b> <p style="text-align: center;">N/A</p>	<b>VOLATILE BY VOLUME (%)</b> <p style="text-align: center;">N/A</p>																	
<b>VAPOR DENSITY (AIR=1)</b> <p style="text-align: center;">N/A</p>	<b>EVAPORATION RATE (BUAC=1)</b> <p style="text-align: center;">N/A</p>	<b>SOLUBILITY IN WATER</b> SLIGHTLY SOLUBLE IN WATER AN WATER MISCIBLE.																	

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED) N/A	FLAMMABLE LIMITS (PERCENT BY VOLUME)	LEL	UEL
		N/A	N/A

**FIRE EXTINGUISHING MEDIA**  
NON-FLAMMABLE. USE APPROPRIATE MEANS FOR SURROUNDING AREA.

**SPECIAL FIRE FIGHTING PROCEDURES**  
NONE

**UNUSUAL FIRE AND EXPLOSION HAZARD**  
NONE

**SECTION V - HEALTH HAZARD DATA**

PRIMARY ROUTES OR ENTRY     Inhalation     Skin contact     Eye contact     Ingestion

**EFFECT OF OVEREXPOSURE**  
PROLONGED CONTACT WITH SKIN CAN CAUSE IRRITATION. CONTACT WITH EYES OR OPEN ABRADED SKIN CAN CAUSE SEVERE IRRITATION WITH SUPERFICIAL DESTRUCTION OF SKIN TISSUE.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**  
OPEN SORES AND CUTS—SENSITIVE SKIN AREAS.

**EMERGENCY AND FIRST AID PROCEDURES**  
SKIN: WASH AFFECTED AREAS WITH SOAP AND WATER.  
INGESTION: DO NOT INDUCE VOMITING, DILUTE WITH WATER OR MILK, GET MEDICAL ATTENTION.  
EYES: FLUSH THE MATERIAL OUT IMMEDIATELY WITH PLENTY OF WATER.

**SECTION VI - REACTIVITY**

STABILITY	UNSTABLE		<b>CONDITIONS TO AVOID</b>  KEEP AWAY FROM ACIDS.
	STABLE	X	

**INCOMPATIBILITY (MATERIALS TO AVOID)**  
ACIDS, ANHYDRIDES, ALKALI METALS, ANHYDROUS ALUMINIUM CHLORIDE NON FERROUS METALS AFTER SETTING.

**HAZARDOUS DECOMPOSITION PRODUCTS**  
SHARP EDGES AFTER DRYING OR FIRING.

HAZARDOUS POLYMERIZATION	MAY OCCUR		<b>CONDITIONS TO AVOID</b>  NONE
	WILL NOT OCCUR	X	

**SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**  
MATERIAL IS IN PASTE FORM. USE ABSORBENT MATERIAL AND SWEEP UP.

**WASTE DISPOSAL METHOD**  
DISCARD AS NON-HAZARDOUS WASTE.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION (Specify type)**  
NONE REQUIRED.

**VENTILATION**  
LOCAL EXHAUST - ADEQUATE.

**PROTECTIVE GLOVES**

RUBBER GLOVES

**EYE PROTECTION**

GOGGLES

**OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES**  
NORMAL WORKING CLOTHING. PRACTICE NORMAL SAFETY AND HEALTH PROCEDURES.  
WASH THOROUGHLY AFTER HANDLING.

**SECTION IX - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**  
NORMAL SHELF STORAGE.

**OTHER PRECAUTIONS**

NONE

**This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.**