

## SAFETY DATA SHEET



Date Prepared : 09/30/2013  
SDS No : 64C  
Date Revised : 10/03/2016  
Revision No : 4

Furnace Cement

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Furnace Cement  
**GENERAL USE:** High temperature stove and gasket cement  
**PRODUCT DESCRIPTION:** Stove and gasket cement  
**PRODUCT CODE:** 64C

#### MANUFACTURER

Rutland Products  
7 Crabtree Rd.  
Jacksonville, IL 62650  
**Emergency Phone:** 800-424-9300  
**Alternate Emergency Phone:** 217-245-7810  
**Customer Service:** 800-544-1307  
**E-Mail:** sales@rutland.com

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Poison Control Center (Medical) :** (800) 222-1222  
**CHEMTREC (US Transportation) :** (800) 424-9300

**2. HAZARDS IDENTIFICATION****GHS CLASSIFICATIONS**

Eye Irritation, Category 2B

Skin Irritation, Category 2

**GHS LABEL**Exclamation  
mark**SIGNAL WORD:** WARNING**HAZARD STATEMENTS**

H320: Causes eye irritation.

H315: Causes skin irritation.

**PRECAUTIONARY STATEMENTS****Prevention:**

P264: Wash ... thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352: IF ON SKIN: Wash with plenty of water/...

P337+P313: If eye irritation persists: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

**CARCINOGENICITY:** No data available. Contact Env. Dept.**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Vol. %	CAS
Sodium Polysilicate	Withheld, trade secret.	1344-09-8
Feldspar	Withheld, trade secret.	68476-25-5
Mica	Withheld, trade secret.	12001-26-2
Sodium Hydroxide	Withheld, trade secret.	1310-73-2
Kaolin	Withheld, trade secret.	1332-58-7
Carbon Black	Withheld, trade secret.	1333-86-4

**4. FIRST AID MEASURES****EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.**SKIN:** Wash with plenty of water. Get medical attention if irritation develops or persists.**INGESTION:** If Swallowed, do not induce vomiting. Give one cup (8 ounces or 240 ml) of water or milk if available and transport to a medical facility. Never give anything by mouth to an unconscious or convulsive person.**INHALATION:** NA = Not Applicable.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Irritation**SKIN:** Irritation, rash.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** NA = Not Applicable.

**GENERAL HAZARD:** None

**EXPLOSION HAZARDS:** NA = Not Applicable.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Absorb spilled material and place in appropriate container for disposal.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.

**HANDLING:** Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

**STORAGE:** Keep container closed to prevent drying out.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Mica	OSHA PEL	TWA	20	
	ACGIH TLV	TWA		3 R
Sodium Hydroxide	OSHA PEL	TWA		2
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear safety glasses with side shields. Chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent) are recommended.

**SKIN:** Wear protective clothing, including long sleeves and gloves, to prevent skin contact. Thoroughly wash clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Thick paste

**ODOR:** Mild, not unpleasant.

**ODOR THRESHOLD:** Not Available

**pH:** 11 to 12.5

**FLASH POINT AND METHOD:** NA = Not Applicable.

**FLAMMABLE LIMITS:** NA = Not Applicable.

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable.

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**FREEZING POINT:** Not Available

**MELTING POINT:** Not Available

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Soluble

Furnace Cement

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not Available**EVAPORATION RATE:** Not Available**DENSITY:** Not Available**SPECIFIC GRAVITY:** 1.8 to 1.9**VISCOSITY:** Not Available**10. STABILITY AND REACTIVITY****REACTIVITY:** No**STABILITY:** Stable product.**INCOMPATIBLE MATERIALS:** Strong acids, bases, and oxidizers**11. TOXICOLOGICAL INFORMATION****SKIN CORROSION/IRRITATION:** Skin Irritant**SERIOUS EYE DAMAGE/IRRITATION:** Eye Irritant**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** Low hazard for usual industrial or commercial handling.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose of this product in accordance with all applicable local, state and federal regulations.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****OTHER SHIPPING INFORMATION:** Not Regulated**ROAD AND RAIL (ADR/RID):** Not regulated**AIR (ICAO/IATA):** Not regulated**VESSEL (IMO/IMDG):** Not regulated**15. REGULATORY INFORMATION****UNITED STATES****CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Vol. %	CERCLA RQ
Sodium Hydroxide	Withheld, trade secret.	1,000

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Sodium Polysilicate	1344-09-8
Feldspar	68476-25-5
Sodium Hydroxide	1310-73-2
Kaolin	1332-58-7
Carbon Black	1333-86-4

**CALIFORNIA PROPOSITION 65:** WARNING: Contains chemical(s) known by the State of California to cause cancer.

Chemical Name	Vol. %	Listed
Carbon Black	Withheld, trade secret.	Cancer

**16. OTHER INFORMATION**

**PREPARED BY:** Chad Stewart    **Date Revised:** 10/03/2016

**REVISION SUMMARY:** This SDS replaces the 02/05/2016 SDS. Revised: **Section 15:** CALIFORNIA PROPOSITION 65. **Section 16:** HMIS RATING ( HEALTH, PHYSICAL HAZARD ), NFPA CODES ( HEALTH, REACTIVITY ).

**MANUFACTURER DISCLAIMER:** The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.