



Safety Data Sheet

Fireplace Mortar (Buff)

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PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Fireplace Mortar (Buff)
SDS Number: 4
Product Code: 63B
Revision Date: 5/6/2019
Version: 1
Chemical Family: Silicate mortars
Product Description: High Temperature Mortar
Product Use: Repair chips or cracks, repointing mortar joints in fire brick; bonding fire bricks together.
Instructions: Not for exterior use. Masonry to masonry only, will not adhere to metal. Heat curing to 500 F required.

Supplier Details: Rutland Products
7 Crabtree Road
Jacksonville, IL 62650

Contact: Faith Nergenah, Brian Miller
Phone: 217-245-7810
Fax: 217-245-1194
Email: faith@rutland.com bmillier@rutland.com
Web: www.rutland.com
Emergency: CHEMTREC (800) 424-9300 POISON CONTROL (800) 222-1222

2**HAZARDS IDENTIFICATION****Classification of the Substance or Mixture****GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Acute toxicity, 5 Oral

GHS Label Elements, Including Precautionary Statements**GHS Signal Word:** **WARNING****GHS Hazard Pictograms:****GHS Hazard Statements:**

H315 - Causes skin irritation
H320 - Causes eye irritation
H303 - May be harmful if swallowed

GHS Precautionary Statements:

P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P362 + P364 - Take off contaminated clothing and wash it before reuse.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P312 - Call a POISON CONTROL CENTER (800-222-1222), doctor or emergency room if you feel unwell.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes; Skin; Ingestion

Skin Contact: May cause irritation.

Eye Contact: May cause irritation.

Ingestion: Ingestion is not an applicable route of entry for intended use. May be harmful if swallowed.

3**COMPOSITION/INFORMATION OF INGREDIENTS**

Chemical Ingredients:		
CAS#	%	Chemical Name:
1332-58-7		kaolin
1344-09-8		Silicic acid, sodium salt
13983-17-0		Calcium Metasilicate (wollastonite)
1310-73-2		Sodium hydroxide (NaOH)

Percentages withheld, Trade secret



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FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.

Skin Contact: Wash with plenty of water. Get medical attention if irritation develops or persists.

Eye Contact: Immediately flush eyes with plenty of water. After initial flushing, remove contact lenses and continue flushing for at least 15 minutes. If effects occur, consult a physician, preferably an ophthalmologist. May cause injury due to mechanical action.

Ingestion: Do not induce vomiting. Seek immediate medical attention

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FIRE FIGHTING MEASURES

Flash Point: None

Flash Point Method: Not Applicable

Burning Rate: Not Applicable

Autoignition Temp: Not Applicable

LEL: Not Applicable

UEL: Not Applicable

Use any standard agent - choose the one most appropriate for type of surrounding fire.

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ACCIDENTAL RELEASE MEASURES

Absorb spilled material and place in appropriate container for disposal.

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HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Use with adequate ventilation. Avoid prolonged and repeated contact with skin. Wash thoroughly after handling. Keep away from food and drinking water.

Storage Requirements: Store in cool/dry area.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.

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.

RESPIRATORY: In case of insufficient ventilation, wear suitable respiratory equipment.



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9**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Thick, pale orange-brown (buff) color	Odor:	None
Physical State:	Paste	Molecular Formula:	Not Available
Odor Threshold:	Not Applicable	Solubility:	Soluble in water
Particle Size:	Not Applicable	Softening Point:	Not Applicable
Spec Grav./Density:	Not Available	Percent Volatile:	Not Available
Viscosity:	Not Applicable	Heat Value:	Not Available
Saturated Vapor Concentration:	Not Available	Freezing/Melting Pt.:	Not Available
Boiling Point:	Not Available	Flash Point:	Not Available
Flammability:	Not Available	Octanol:	Not Available
Partition Coefficient:	Not Available	Vapor Density:	Not Available
Vapor Pressure:	Not Available	VOC:	Not Available
pH:	11-12	Bulk Density:	1.8
Evap. Rate:	Not Available	Auto-Ignition Temp:	Not Available
Molecular weight:	Not Available	UFL/LFL:	Not Available
Decomp Temp:	Not Available		

10**STABILITY AND REACTIVITY**

Reactivity:	This product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Contact with incompatible materials
Materials to Avoid:	Alkali sensitive metals and alloys.
Hazardous Decomposition:	No hazardous decomposition products are known.
Hazardous Polymerization:	Will not occur.

11**TOXICOLOGICAL INFORMATION**

No data available.

12**ECOLOGICAL INFORMATION**

No information available

13**DISPOSAL CONSIDERATIONS**

Dispose of this product in accordance with all applicable local, state and federal regulations.

14**TRANSPORT INFORMATION**

Not Regulated



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REGULATORY INFORMATION

RQ (CAS#) Substance - Reg Codes

Kaolin (1332-58-7) OSHAWAC, PA, TSCA, TXAIR

RQ(1000LBS), Sodium hydroxide (Na(OH)) (1310-73-2) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

Silicic acid, sodium salt (1344-09-8) TSCA

Calcium silicate (1344-95-2) MASS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

RQ = Reportable Quantity

OSHAWAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance

CSWHS = Clean Water Act Hazardous substances

MASS = MA Massachusetts Hazardous Substances List

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OTHER INFORMATION

PREPARED BY: Brian Miller

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.

Revision Date: 5/6/2019