

Safety Data Sheet

Dry Mix 211

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PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Dry Mix 211
SDS Number: 29
Product Code: 211, 21125
Revision Date: 2/6/2024
Version: 1.2
Product Description: High Temperature Refractory Mortar
Product Use: Join/repair masonry flue tile, building fireboxes, parge coating

Supplier Details: Rutland
7 Crabtree Road
Jacksonville, IL 62650

Contact: Kourtney Haverfield
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Emergency: CHEMTREC (800) 424-9300

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Carcinogenicity, 1
Health, Specific target organ toxicity - Repeated exposure, 1
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Skin corrosion/irritation, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H350 - May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
H372 - Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
H319 - Causes serious eye irritation
H315 - Causes skin irritation

GHS Precautionary Statements:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
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.
P302 + P350 - IF ON SKIN: Gently wash with plenty of soap and water.
P362 + P364 - Take off contaminated clothing and wash it before reuse.
P308 + P313 - IF exposed or concerned: Get medical advice/attention.
P501 - Dispose of contents/container according to all local state and federal regulations.

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

Route of Entry: Eyes; Ingestion; Skin;

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.

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3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
65997-16-2		Cement, alumina, chemicals
9004-53-9		Dextrin
1302-93-8		Mullite (Al6O5(SiO4)2)
1332-58-7		Kaolin
14808-60-7		Silica, crystalline quartz

Percentages withheld, Trade Secret

4 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:** If Swallowed, DO NOT INDUCE VOMITING. Immediately call a POISON CONTROL CENTER (1-800-222-1222), physician or emergency room immediately.

5 FIRE FIGHTING MEASURES

Flammability: Non-flammable

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

6 ACCIDENTAL RELEASE MEASURES

Absorb spilled material and place in appropriate container for disposal.

7 HANDLING AND STORAGE

Handling Precautions: Avoid generating and/or breathing dust. Avoid contact with eyes. Avoid prolonged and repeated contact with skin. Keep away from food and drinking water. Keep material out of reach of children.

8 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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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Gray powder	Odor:	None
Physical State:	Solid	Molecular Formula:	Not Available
Odor Threshold:	Not Available	Solubility:	Insoluble in water
Particle Size:	Not Available	Softening Point:	Not Available
Spec Grav./Density:	2.3 - 2.7	Percent Volatile:	Not Available
Viscosity:	Not Available	Heat Value:	Not Available
Saturated Vapor Concentration:	Not Available	Freezing/Melting Pt.:	> 2700 F
Flammability:	Not Available	Flash Point:	Not Available
Partition Coefficient:	Not Available	Octanol:	Not Available
Vapor Pressure:	Not Available	Vapor Density:	Not Available
pH:	6 - 8	VOC:	Not Available
Evap. Rate:	Not Available	Bulk Density:	11.0 to 13.4
Molecular weight:	Not Available	Auto-Ignition Temp:	Not Available
Decomp Temp:	Not Available	UFL/LFL:	Not Available

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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:	None Known
Materials to Avoid:	Strong Acids; Strong Bases; Strong Oxidizing Agents;
Hazardous Decomposition:	None Known
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: Direct contact with eyes may cause temporary irritation.
Skin Effects: Prolonged skin contact may cause temporary irritation.
Acute Inhalation Effects: Prolonged inhalation may be harmful.
Chronic Effects: Not Known.
Carcinogenicity: May cause cancer by inhalation.

IMMEDIATE (ACUTE) EFFECTS:

Acute Dermal: May cause temporary skin irritation.
Acute Inhalation : Dust from this product may cause respiratory irritation.
Acute Ocular (eye) : Direct contact with eyes is likely to be irritating.
Acute Ingestion: May cause gastrointestinal irritation

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ECOLOGICAL INFORMATION

No information available

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13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

Not Regulated

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[--%] Cement, alumina, chemicals (65997-16-2) TSCA

[--%] Dextrin (9004-53-9) TSCA

[--%] Mullite (Al₆O₅(SiO₄)₂) (1302-93-8) CAPROP65, TSCA

[--%] Kaolin (1332-58-7) CAPROP65, OSHAWAC, PA, TSCA, TXAIR

[--%] Silica, crystalline quartz (14808-60-7) GADSL, MASS, NRC, OSHAWAC, PA, PROP65, TSCA, TXAIR



WARNING

This product can expose you to chemicals including Silica, Crystalline, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Regulatory Code Legend

TSCA = Toxic Substances Control Act

CAPROP65 = California Prop 65

OSHAWAC = OSHA Workplace Air Contaminants

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

TXAIR = TX Air Contaminants with Health Effects Screening Level

GADSL = Global Automotive Declarable Substance List (GADSL)

MASS = MA Massachusetts Hazardous Substances List

NRC = Nationally Recognized Carcinogens

16 OTHER INFORMATION

Prepared by Rutland.

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: 2/6/2024