



Repair Mortar Regular Set (RS) Powder

Section 1 Product Description

Product Name: Repair Mortar Regular Set (RS) Powder
Recommended Use: Polymer blend to improve cement based products
Supplier: ChemSystems, Inc. 10101 Genard Road Houston, TX 77041
P: 800.545.9827 • F: 713.329.9065 www.chemsystemsinc.net
Emergency Phone: CHEMTRAC 1-800-424-9300

Section 2 Hazard Identification

Category 2 Skin Irritant

Category 2B Serious Eye Damage/Eye Irritant

Category 3 Specific Target Organ Acute Toxicity (respiratory system, central nervous system)



Signal Word:

Warning

Hazard Statements:

H333 - May be harmful if inhaled

H313 - May be harmful in contact with skin

H303 - May be harmful if swallowed

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements:

Prevention:

P102: Keep out of reach of children

P103: Read label before use

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

P501: Dispose of contents and container in accordance with all local, regional, national and international regulations

Note: product may contain small traces of silica below 0.1%

Use respiratory protection and hazard controls. Use particulate protection.

Gloves and /or skin protection is recommended.

Safety glasses or eye protection recommended.

Emergency overview: Immediate or delayed hazard: Exposure of sufficient time to wet Portland cement directly on surface, OR on moist areas of the body to DRY powder cement, can cause serious skin or eye injuries in the form of chemical or caustic burns.

Human Health Hazards: Not to be expected if handled and used properly.

Chronic Health Hazard: Product contains a substance which may have chronic respiratory health hazards including cancer and silicosis. Handle with the proper hazard controls.

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Section 3 Composition/ Information on Ingredients

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc. (wt%)</u>
Portland Cement	65997-15-1	Not established	Not established	50
Silica	14808-60-7	Not established	Not established	50

Section 4 First Aid Measures

Emergency First Aid Procedures

Skin: Wash hands and exposed skin with soap and plenty of water. Seek medical attention if irritation persists or concerned.

Eyes: Protect unexposed eye. Rinse or flush exposed eye gently using water for 15 minutes. Remove contact lenses while rinsing. Seek medical attention if irritation persists or concerned.

Inhalation: Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Seek medical assistance if cough or other symptoms appear.

Ingestion: Rinse mouth thoroughly. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if irritation persists or if concerned.

Section 5 Firefighting Procedures

Suitable Extinguishing Media: Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

Unsuitable Extinguishing Media: n/a

Flash Point (TCC): n/a

Flammable Limits (% volume in air for solvents): LEL=n/a UEL=n/a

Special Fire Fighting Procedures: Wear protective eyewear, gloves, and clothing. Refer to Section 8. Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA). Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

Section 6 Spill or Leak Procedures

Steps to Take if Material is Released or Spilled: Sweep or vacuum using good ventilation. Ensure that air-handling systems are operational. Should not be released into environment. **WARNING:** This product contains one or more chemicals known to the state of California to cause cancer, birth defects, and other reproductive harm. Pursuant to Proposition 65, California law requires us to give the above warning in the absence of definitive testing to prove that the defined risks do not exist. We believe that this product complies with all applicable Federal and State laws and regulations governing its manufacturing, distribution and intended use.

Section 7 Handling and Storage

Normal Handling: Minimize the creation of dust during application of this product to keep other persons upwind of the work area when possible. No specific measure necessary provided product and recommended protective clothing/ equipment are used correctly

Storage: Store in dry area. After handling, wash hands thoroughly

Waste Disposal Method: Dispose of material in accordance with federal, state, and local guidelines.

Special Precautions: n/a

Section 8 Protection Information

Respiratory Protection: NIOSH-approved dust respirator if environment is dusty

Ventilation: Provide adequate mechanical ventilation to keep exposure levels below TLV's.

Protective Gloves: Chemical resistant or rubber gloves. Contact with moisture can cause irritation or burns. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

Eye Protection: Chemical goggles. Contact with moisture can cause irritation or burns.

Work/Hygienic Practices: Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

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Section 9 **Physical Data**

Form: Powder
Odor: None
Color: Gray
pH value: n/a
Solvent/Water content: n/a
Total solids/Non-volatiles: n/a
Total VOC: 0 %
Solvents by weight: n/a
Specific gravity: n/a
Solidification temperature: n/a
Freezing/Melting point: n/a
Boiling point: n/a
Vapor density: n/a
Vapor pressure: n/a
Evaporation Rate: n/a
Solubility in water: Slight

Section 10 **Reactivity Data**

Conditions to avoid: Keep dry until used.
Substances to avoid: Contact with oxidizing agents such as fluorine, chlorine trifluoride, manganese trioxide and oxygen difluoride may cause fires.
Hazardous reactions: Will not occur.
Decomposition products: Silica will dissolve in hydrofluoric acid and product a corrosive gas-silicon tetrafluoride.
Corrosion to metals: n/a

Section 11 **Toxicity Data**

Acute Toxicity:

Oral: Unspecified
Eye irritation: Unspecified
Skin irritation: Unspecified
Inhalation: Harmful if inhaled
Sensitization: Unspecified

Chronic Toxicity:

Other information: Overexposure to wet cement may cause alkali burns and dry the skin. Free silica dust may cause delayed lung injury. Silica is listed with IARC as a Class 2 carcinogen. Contains crystalline silica, which may cause lung damage and cancer. Risk depends upon duration and level of exposure.

Section 12 **Ecological Data**

Acute Toxicity to Fish: n/a
Acute Toxicity to Aquatic Invertebrates: n/a
Toxicity to Aquatic Plants: n/a
Toxicity to Microorganisms: n/a
Chronic Toxicity to Fish: n/a
Chronic Toxicity to Aquatic Invertebrates: n/a
Persistence and Degradability: n/a
Bioaccumulation Potential: n/a
Mobility in the Soil: n/a
Other Adverse Effects: n/a

Section 13 **Disposal Information**

Waste Disposal Method: Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

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Section 14 **Transport Information**

Proper Shipping Name: n/a

Hazard Class: n/a

UN: n/a

Packing Group: n/a

Marine Pollutant: n/a

Section 15 **Regulatory Information**

SARA 311/312: n/a

OSHA: n/a

TSCA: n/a

California Proposition 65: n/a

Section 16 **Additional Information**

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.