

# MATERIAL SAFETY DATA SHEET

Manufacture's Name:

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Information Telephone No:  
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## SECTION I – PRODUCT IDENTIFICATION

Chemical name:  
**Speed Mix**

## SECTION II – HAZARDOUS INGREDIENTS

<u>MO.</u>	<u>CAS REG NO.</u>	<u>AMT. (%)</u>
1. Silica Sand	#01-4808-60-7	FORMULA
2. Portland Cement	#65977-15-1	TRADE SECRET
3. Resin Powder		MIXTURE
4. Calcium Aluminate Cement	65997-16-2	
5 Calcium Sulfate Dihydrate	13397-24-5	
Calcium carbonate	1317-65-3	

Portland Cements are classified as nuisance dusts by OSHA (29CFR 1910.1200, Table Z-3), MSHA (30 CFR 56.5001, ACGIH TLV's for 1973, appendix E), and ACGIH (TLV's for 1985-86, Appendix D). Portland cements are not listed by NTP, or IARC, or OSHA as containing carcinogens.

## SECTION III – PHYSICAL DATA

### Boiling Point:

Not applicable as the combined ingredients form a powdered solid.

### Vapor Density:

Not applicable as the combined ingredients form a powdered solid.

### Vapor Pressure:

Not applicable as the combined ingredients form a powdered solid.

### Specific Gravity:

2.75

### Percentage Volatile by Volume:

0%

### Evaporation Rate:

Not applicable as the combined ingredients form a powdered solid.

### Appearance and Odor:

Tan/white powder; odorless.

#### **SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

Flash point:

Noncombustible or explosive.

Flammable or Explosive Limits: Not applicable.

Extinguishing Media: Not applicable.

Special Firefighting Procedures: Not applicable.

Unusual Fire And Explosion Hazards: None.

#### **SECTION V – HEALTH HAZARD DATA**

Threshold Limit Value: 
$$\frac{10\text{mg}/\text{m}^3}{\% \text{ RESPIRABLE QUARTZ} + 2}$$

Effects of Overexposure:

Prolonged overexposure to Crystalline Free Silica Dust above the Threshold Limit Value specified above may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis, may result from breathing free silica. Silicosis is a form of disabling, progressive and sometimes fatal pulmonary fibrosis characterized by the presence of typical nodulation in the lungs.

Emergency and First Aid Procedures:

Irrigate eyes immediately and repeatedly with water and get prompt medical attention. Wash exposed skin areas with soap and water.

#### **SECTION VI – REACTIVITY DATA**

Stability: Product is stable. Keep dry until used.

Incompatibility: None

Hazardous Decomposition Products: None

Hazardous Polymerization:

Will not occur.

#### **SECTION VII – SPILL OR LEAK PROCEDURES**

Steps To Be Taken In Case Material Is Released Or Spilled:

Use dry cleanup methods that do not disperse the dust into the air. Avoid breathing the dust. Emergency procedures are not required.

Waste Disposal Method:

Material can be disposed of as common waste or returned to the container for later use if it is not contaminated.

## **SECTION VIII – SPECIAL PROTECTION INFORMATION**

### **Respiratory Protection:**

In dust environment, the use of NIOSH approved respirator is recommended.

### **Ventilation:**

Local exhaust can be used, if necessary, to control air borne dust levels.

### **Eye Protection:**

In dusty areas, the use of tight fitting goggles is recommended.

### **Skin Protection:**

These precautions are recommended because 'cement burns' are caused by the cure reaction of the cement. There is little sensation of heat so there will be little warning that the burn is occurring.

Use of barrier creams, gloves, boots and clothing to protect the skin from prolonged contact with wet cement in plastic concrete, mortar or slurries is recommended. Immediately after working with cement or cement containing materials, workers should shower with soap and water.

## **SECTION IX – SPECIAL PRECAUTIONS**

**Precautions To Be Taken In Handling and Storing:** None.

**Other Precautions:** None.

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