

# Point 5

Material Safety Data Sheet  
Effective Date 03/01

HMI S Ratings  
Health-1  
Flammability-0  
Reactivity-0  
Personal Protection-B

## SECTION 1 Hazardous Ingredients

COMPONENT	CAS#	OSHA PEL	TWA	ACGIH TLV	TWA	NIOSH TWA
Portland Cement	65997-15-1	5mg/m <sup>3</sup>		10mg/m <sup>3</sup>		
Silicon Dioxide, Silica, Quartz	14808-60-7		10mg/m <sup>3</sup>		0.1mg/m <sup>3</sup>	0.05mg/m <sup>3</sup>

OSHA ingredient permissible exposure limit: 18mg/m<sup>3</sup>

ACGIH ingredient TLV-TWA: 30 mppcf (10mg/m<sup>3</sup>)

Total dust: 5mg/m<sup>3</sup>

The 1974 NIOSH Criteria for a recommended Standard for Occupational Exposure to Crystalline Silica should be consulted for more detailed information.

Note: The Permissible Exposure Limits (PEL) reported above are the pre-1989 limits that were reinstated by OSHA June 30, 1993 following a decision by the 11<sup>th</sup> Circuit Court of Appeals. These PEL's are now being enforced by Federal OSHA. Be aware that more restrictive exposure limits may be enforced by some states, agencies, or other authorities.

## SECTION 2 Physical Data

pH	9.5-10.0
Flash point	>200°F Seta cc
Vapor Pressure	17mmHg
Viscosity	65 cps maximum (ambient)
Evaporation rate	<1 (Ether=1)
Physical State	Milky liquid
Odor	Ammoniacal
Sp. Gr.	1.1
% solubility (water)	Infinite

## SECTION 3 Reactivity Data

Stable. Thermal decomposition yields oxides of C, N, and Halogens if present.

## SECTION 4 Health Hazard Effects

Skin Effects Irritating to the skin upon repeated or prolonged contact.

Eye Effects Slightly irritating to the eyes.

Respiratory Effects Vapor of mist can cause headache, nausea and irritation of the nose, throat and lungs.

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## SECTION 5 First Aid Instructions

Skin Contact	Remove contaminated clothing. Wash exposed area with a large quantity of soap solution or water for at least 15 minutes.
Eye Contact	Immediately flush with water for at least 15 minutes. Contact a physician immediately for additional treatment.
Inhalation Exposure	Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.
Ingestion	Do not feed anything by mouth to unconscious or convulsive victim. Dilute contents of stomach. Contact physician immediately.

## SECTION 6 Spill, Disposal and Fire Instructions

Spill Instructions	Contain and absorb with an absorbent material. Place in waste disposal container. The waste characteristics of the absorbed material or any contaminated soil should be determined in accordance with RCRA regulations.
Disposal Instructions	Water contaminated with this product may be sent to a sanitary sewer in accordance with any local agreement, a treatment facility, or discharged under a NPDES permit. Bury in approved landfill.
Fire Extinguishing Instructions	Firefighters should wear positive pressure, self-contained breathing apparatus (full face piece type). Extinguishing media may be dry chemical, carbon dioxide foam or water. Foam or water may create a slippery condition; spread sand or grit. Contact with water may cause eventual reaction to form a hard, inert solid.

## SECTION 7 Special Protective Equipment

Ventilation Equipment	Adequate ventilation
Recommended Respiratory Protection	Avoid inhaling mist from spray. If ventilation is inadequate or significant product exposure is likely, use a respirator with dust/mist/fume cartridges.
Recommended Skin Protection	Rubber gloves and full coveralls
Recommended Eye Protection	Splash proof chemical goggles

## SECTION 8 Storage and Handling Precautions

Storage Instructions	Keep container closed. Store at temperatures between 40°F and 120°F.
Handling Instructions	Normal chemical handling

## SECTION 9 Federal Regulations

FIFRA (40 CFR) –EPA Reg. No. Not applicable.  
OSHA (29 CFR Sec. 1910) – Safety and Health Standards-See Section 1.  
FDA (21 CFR) Ingredients authorized under – None.

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