

Conpro Plug

Material Safety Data Sheet
Effective Date 01/89

HMIS Ratings
Health-1
Flammability-0
Reactivity-0
Personal Protection-B

SECTION 1 Hazardous Ingredients

Component	CAS #	OSHA PFI	TWA	ACGIH TLV	TWA	NIOSH TWA
Portland Cement	65997-15-1	5 mg/m ³		10 mg/m ³		
Silica Dioxide, Silica, Quartz	14808-60-7		10 mg/m ³		0.1 mg/m ³	0.05 mg/m ³

OSHA Ingredient Permissible Exposure Limit: 18 mg/m³

ACGIH Ingredient TLV-TWA: 30 mppcf (10 mg/m³)

Total Dust: 5 mg/m³

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 11th US Circuit Court of Appeals. These PEL's are now being enforced by the Federal OSHA. Be aware that more restrictive exposure limits may be enforced by some states, agencies or other authorities.

SECTION 2 Physical Data

pH	1% solution (approx.) 12.0
Flash point	>200°F Seta cc
Vapor Pressure	N/A
Viscosity	N/A
Evaporation rate	<1 (Ether=1)
Physical State	Dry, gray powder
Odor	Mild cement
Sp. Gr.	Bulk density (ambient) 100 lbs./ft ³
% solubility (water)	1% (leaves sediment)

SECTION 3 Reactivity Data

Stable. Thermal decomposition yields oxides of Ca, S, N, Na, K and Halogens if present.

SECTION 4 Health Hazard Effects

Skin Effects	Contact may cause irritation. Hypersensitive individuals may develop an allergic response.
Eye Effects	Irritating to the eyes.
Inhalation	Breathing silica dust may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have serious chronic health effects including: Silicosis, Cancer, Scleroderma, Tuberculosis and Nephrotoxicity.

CONPRO PLUG

SECTION 5 First Aid Instructions

Skin Contact	Remove contaminated clothing. Wash exposed area with a large quantity of soap and water for at least 15 minutes.
Eye Contact	Immediately flush eyes with water for at least 15 minutes. Contact a physician immediately for additional treatment.
Inhalation Exposure	Remove victim to fresh air. Apply appropriate first aid treatment.
Ingestion	Do not feed anything to an unconscious or convulsive victim. Contact physician immediately.

SECTION 6 Spill, Disposal and Fire Instructions

Spill Instructions	Use dry clean up method that does not disperse the dust into the air. Avoid breathing the dust.
Disposal Instructions	Material can be returned to a container for later use, or disposed of as common waste.
Fire Extinguishing Instructions	Material will not contribute to combustion. Foam or water may create a slippery surface; 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 is required. Use mechanical respiration in confined areas.
Recommended Respiratory Protection	If ventilation is inadequate or significant product exposure is likely, use a NIOSH/MSHA approved respirator.
Recommended Skin Protection	Rubber gloves and full coveralls
Recommended Eye Protection	Splash proof chemical goggles

SECTION 8 Storage and Handling Precautions

Storage Instructions	Keep in a dry environment.
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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