



17 Production Drive, Dover, NH 03820
Emergency Phone Number (603) 743-5800

MATERIAL SAFETY DATA SHEET

PRODUCT: Structural Skin

HMIS RATINGS:

EFFECTIVE DATE: 8/89

Health: 1
Flammability: 0
Reactivity: 0
Personal Protection: X

**SECTION 1
HAZARDOUS INGREDIENTS**

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

OSHA Ingredient Permissible Exposure Limit: 18mg/m³
ACGIH Ingredient TLV-TWA: 30 mppcf (10mg/m³) total dust; 5mg/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 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:	1% solution (approx.) 12.0
FL. PT.:	> 200° F, Seta (cc)
Vapor Pressure:	N/A
Viscosity:	N/A
Evaporation Rate:	< 1 ether = 1
Physical State:	White or gray powder
Odor:	Mild
Sp. Gr.:	(Bulk density) 100 lbs./ft ³
% Solubility (water)	1% (leaves sediment)

**SECTION 3
REACTIVITY DATA**

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

**SECTION 4
HEALTH HAZARD EFFECTS**

SKIN EFFECTS: May cause skin irritation after contact. Hypersensitive individuals may develop an allergic dermatitis.

EYE EFFECTS: Severely damaging to the eye.

RESPIRATORY EFFECTS: May cause minor irritation to upper respiratory tract.

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.

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: General: Do not feed anything by mouth to unconscious or convulsive victim.
Specific: Dilute contents of stomach. Contact physician immediately.

SECTION 6 SPILL, DISPOSAL AND FIRE INSTRUCTIONS

SPILL INSTRUCTIONS: General: Use dry clean up methods that do not disperse the dust into the air.
Specific: Avoid breathing the dust.

DISPOSAL INSTRUCTIONS: Material can be returned to container for later use or disposed of as common waste.

FIRE EXTING. INSTRUCTIONS: Material will not contribute to combustion. Foam or water may create a slippery condition. Contact with water may cause eventual reaction to form a hard, inert solid.

SECTION 7 SPECIAL PROTECTIVE EQUIPMENT

VENTILATION PROTECTION: Adequate ventilation.

RECOMMENDED
RESPIRATORY
PROTECTION:

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 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, Page 1.

FDA (21 CFR) Ingredients authorized under: None

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