

Manufacturer

Somar Industries, Ltd
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- DOT Classification: Non-hazardous.
• HMIS Rating: Health: 1
Fire: 0 Reactivity: 0 Personal Protection: A
• Identity: Unibond Foam Kote

Section I
Component Information and Hazards

Table with 5 columns: Ingredients, CAS#: List, OSHA-PEL, ACGIH-TLV, % by Weight. Rows include Silica Sand, Calcium Carbonate, Terpolymer/Binder, Calcium Metasilicate, and Portland Cement.

Other limits recommended: Consult current NIOSH criteria document for Crystalline Silica for more information.

Warning: Exposure to dry, airborne crystalline silica may have chronic health effects. Inhalation of silica dust may cause delayed lung injury/disease; take appropriate measures to avoid breathing dust.

Section II
Physical/Chemical Characteristics

Light gray, dry, granular powdered material; very slight odor.

- Specific Gravity: 2.44—2.55

Section III
Fire Hazard Data

- Flash Point: Not applicable

- Extinguishing Media: Use extinguishing material suitable for surrounding fire.
• Fire Fighters: wear positive pressure, self-contained breathing apparatus (SCBA) in enclosed areas.

Section IV
Reactivity Data

- Stability: Stable
• Thermal Decomposition Products: CO, CO2
• Hazardous Polymerization: Will not occur.

Section V
Health Hazard Data

- Routes of Entry: wet, mixed mortar is a skin, eye, ingestion hazard. Dry, airborne dust is an inhalation hazard.
• Carcinogenicity:

NTP: Yes (respirable crystalline silica)
IARC Monographs: Yes, Level 2A Grouping

OSHA Regulated: Not as a carcinogen

- Effects of overexposure:

Acute: Cement dust can irritate the eyes and upper respiratory system. Wet cement, specially as an ingredient in plastic (unhardened) mortar, can dry the skin and cause alkali burns.

Chronic: Cement dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. Hypersensitive individuals may develop an allergic dermatitis (cement dust may contain traces of chromium) Crystalline Silica: prolonged inhalation may result in respiratory disease, including silicosis,

pneumoconiosis, and pulmonary fibrosis.

- Emergency and first aid procedures:

For wet mixed mortar, wash affected skin thoroughly with soap and water, and remove any affected wet clothing to avoid skin burns. In case of eye contact, flush eyes with running water for 15 minutes and get medical attention immediately. Permanent injury can occur if washing is delayed.

Section VI
Control and Protective Measures

- Protective Gloves: Waterproof gloves recommended.
• Eye Protection: Safety or chemical splash goggles recommended; ANSI Z 87.1 or equivalent should be used for handling the dry powder or wet mortar.
• Other equipment: Long sleeves, apron as needed.
• Ventilation: Use local exhaust or mechanical ventilation to meet PEL requirements when handling dry, unmixed powder. None required for wet, plastic mortar when used exterior. Provide adequate air movement and mechanical ventilation if used in an enclosed area.
• Respiratory Protection: Use local exhaust or mechanical ventilation to meet PEL requirements when handling dry, unmixed powder. None required for wet, plastic mortar when used exterior. Approved mechanical filter respirator should be used to remove solid airborne particles during spray, sawing, and sanding operations.

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- **Work Practices:** Use barrier creams, gloves, boots and clothing to protect skin from prolonged contact with wet cement in plastic (unhardened) mortar. Observe rules for good personal hygiene and work practices. Wash hands before smoking, eating, or using toilet facilities.
- Tier I/ Tier II Hazard Category (40 CFR 370): Immediate Health Hazard: fresh, wet mixed plastic cement; Chronic health hazard: crystalline silica.

Section VII

Precautions for Safe Handling and Use/Leak Procedures

- Spills: use dustless (water or vacuum) methods that do not disperse dust into air.
- Waste Disposal: If uncontaminated, dispose of as inert, non-metallic mineral.
- Storage: Protect from exposure to water and moisture; take normal precautions for bag breakage; prolonged storage of material may cause pack set in bags.

Section VIII

EPA Supplier Notification/ Environmental

- This trade name product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and RE-authorization Act of 1986 (SARA) and 40 CFR Part 372.
- This product contains no ingredients on the list of Extremely Hazardous Substances for SARA Emergency Planning.

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