

MATERIALS SAFETY DATA SHEET

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SECTION I PRODUCT IDENTIFICATION

Product Code: S-9300 Super-Krete® Bond-Kote®
Product Description: Dry Form Acrylic Emulsion mixed with fine particles of sand and common portland cement.

HMIS: H-0 F-1 R-0 PP-G

CHEMICAL FAMILY: Portland Cement

SECTION II PHYSICAL DATA

BOILING POINT: Not applicable as Super-Krete® Bond-Kote is a powdered, solid material.

SPECIFIC GRAVITY: 3.15

VAPOR PRESSURE: Not applicable as Super-Krete® Bond-Kote is a powdered, solid material.

PERCENTAGE OF VOLITILES BY VOLUME: 0

VAPOR DENSITY: Not applicable as Super-Krete® Bond-Kote is a solid, powdered material.

EVAPORATION RATE: Not applicable as Super-Krete® Bond-Kote is a solid, powdered material.

SOLUBILITY IN WATER: Slight (0.1 1.0%)

APPEARANCE & ODOR: White or pigmented various colors in solid material form. No odor.

SECTION III FIRE & EXPLOSION HAZARD DATA

FLASH POINT: Super-Krete® Bond-Kote cements are non-combustible and non-explosive.

SPECIAL FIREFIGHTING PROCEDURES: None

FLAMMABILITY OR EXPLOSIVE LIMITS: Not applicable

UNUSUAL FIRE & EXPLOSION HAZARDS: None

EXTINGUISHING MEDIA: Not applicable

SECTION IV HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Respirable Dust —5 mg /m³
Total Dust—10mg / m³
30 million particles / ft³

EFFECTS OF OVEREXPOSURE: Acutely wet Super-Krete® Bond-Kote, especially as an ingredient in acrylic (unhardened) concrete, can dry the skin and cause alkali burns. Cement dust can irritate the eyes and upper respiratory tract. Chronic exposure to cement dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the eyes. Hypersensitive individuals may develop allergic dermatitis (skin rash).

EMERGENCY AND FIRST AID PROCEDURES: Irrigate eyes with water, consult physician. Wash exposed skin areas with soap and water.

SECTION V REACTIVITY DATA

STABILITY: Product is stable. Keep dry until use.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION VI SPILL OR LEAK PROCEDURES

Steps to be taken in case material is spilled: Use dry cleanup methods that do not disperse dust into the air.

Waste disposal method: Material can be returned to container for later use if not contaminated, can be disposed of as an industrial waste, or mixed with water and discarded as a concrete product.

SECTION VII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: In dusty environments, use of NIOSH approved respirator is recommended.

VENTILATION: Local exhaust can be used as necessary to control airborne dust levels.

SKIN PROTECTION: Use barrier creams, gloves, boots, and clothing to protect skin from prolonged contact with wet cement., especially in wet, polymer modified concrete. Immediately after working with cement, workers should shower with soap and water. Precautions must be observed because cement burns with little warning (little heat or discomfort is experienced).

EYE PROTECTION: In dusty environments, use of tight fitting goggles is recommended.

SECTION VIII SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: NONE

OTHER PRECAUTIONS: NONE

Do not apply materials when temperature is below 55 degrees F. or when precipitation is imminent.

Keep material stored in dry area. Do not allow contact with moisture prior to use. Product contains cement and could harden and become useless.

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