

Manufacturer

Somar Industries, Ltd.
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Section I

Identity: UNICOAT BASE CONCENTRATE REF#F37CH

Section II**Hazardous Ingredients/ Identity Information**

- Hazardous Components: Limestone (CAS 474-34-1) OSHA PEL: 5mg/m³ (respirable): 15mg/m³ (Total Dust) ACGIH TLV: 10mg/m³ TWA
- Hazardous Components: Trade Secret* (nuisance dust) OSHA PEL: 5mg/m³ (respirable): 15mg/3m (Total Dust) ACGIH TLV: 10mg/m³ – TWA

*Proprietary blend of additives, each considered a nuisance dust, as we interpret the OSHA std, 29CFR Part 1900.1200

Section III –**Physical/Chemical Characteristics**

- Boiling Point: NA
- Specific Gravity: 2.1
- Vapor Pressure: NA
- Melting Point: ND
- Vapor Density: NA
- Evaporation Rate: NA
- Solubility in Water: <1%
- Appearance and Odor: Off white to Tan powder with no odor

Section IV**Fire and Explosion Hazard Data**

- Flash Point: NA
- Flammable Limits: NA
- Extinguishing Media: NA
- Special Fire Fighting Procedures: None
- Unusual Fire and Explosion Hazards: None

NA=NOT APPLICABLE ND=NOT DETERMINED DATE PREPARED 1/1/96

Section V**Reactivity Data**

- Stability – Stable
- Incompatibility – Oxidizing Agents
- Hazardous Decomposition or byproducts – CO. CO₂.
- Hazardous Polymerization – Will Not Occur REF: F37CH

Section VI**Health Hazard Data**

- Primary routes of Entry: Inhalation – Yes
Skin – YES
Ingestion – NO
- Health Hazards: Acute: This Product can dry the skin. Dust can irritate the eyes & upper respiratory system. Chronic: Dust can cause inflammation of interior of nose & eyes. Prolonged exposure to dust over the TLV may cause scarring of lungs.
- Carcinogenicity: NTP – NO IAR Monographs – YES OSHA Regulated – NO This product itself is not regulated but it contains small amounts of naturally occurring crystalline silica. IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemical to humans (Volume 42, 1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to humans. IARC Class 2A.
- Signs and symptoms of exposure: Shortness of breath, coughing and reddening of eyes.
- Medical Conditions Aggravated by Exposure: Hypersensitive individuals may develop allergenic dermatitis.
- Emergency and First Aid procedures: Irrigate eyes with water, wash exposed

skin area with water, remove patient to fresh air. If accidentally ingested can cause bowel obstruction - consult physician.

Section VII**Precautions for Safe Handling and Use**

- Released or Spilled: Collect spills using dustless method, material can be returned to container for later use wear OSHA approved respirator for dust when cleaning area.
- Waste Disposal Method: Product can be disposed of as common waste, unrestricted sanitary landfill. Incinerate.
- Precautions to be taken in handling and storing: Eliminate exposure to dust, use OSHA approved mask for dust if product gets into eyes or contacts skin – flush immediately & repeatedly with water & contact physician immediately.

Section VIII**Control Measures**

- Respiratory Protection: OSHA approved respirator for nuisance dust.
- Ventilation: Local exhaust – NA
- Mechanical to keep dust level below 10mg/3m
- Special – NA
- Other – NA
- Protective Gloves: Rubber recommended
- Eye Protection: Tight fitting goggles in busy area.
- Other Protective Clothing: Barrier cream, boots & clothing should protect skin from dust and wet mortar.
- Work/Hygiene Practices: Workers should shower with soap & water after working with mortar.

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