

FIBER BASE COAT STUCCO

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MATERIAL SAFETY DATA SHEET

(Complies with OSHA CFR 1910.1200 ANSI Z 400.1-1998)

Approval Date: January 1, 2009

SECTION 1: Chemical Product and Company Identification

Product Name: SPEC MIX® Fiber Base Coat Stucco
Chemical Family: Cement
Chemical Name: Cement Stucco
Synonyms : Cement Stucco, OCS Stucco Pre-Mix, One-Coat Stucco Pre-Mix, One Coat Stucco

Manufacturer Name and Address: SPEC MIX® Inc.
 2025 Centre Pointe Blvd.
 Mendota Heights, MN 55120

Telephone Contact Number and Hours of Operation: (888) 773-2649; 8:00 a.m. – 4:00 p.m. Central Time

Emergency Telephone Contact Number: (800) 854-7820

SECTION 2: Composition/Information on Ingredients

<u>INGREDIENT NAME</u>	<u>CAS NUMBER</u>	<u>TLV-PEL EXPOSURE LIMIT</u>	<u>BY WEIGHT</u>
Calcium Hydroxide	1305-62-0	5mg/m2	<5.0%
Magnesium Hydroxide	1309-42-8	N.E.	<1.0%
Aluminum Oxide	1344-28-1	10mg/m2	<5.0%
Silica Quartz	14808-60-7	0.1mg/m2	<75.0%
Portland Cement	65997-15-1	15mg/m2	<25.0%
Silica, Amorphous	7631-86-9	6mg/m2	<5.0%
Smectite Clay	12199-37-0	N.E.	<1.0%

Section 3: Hazards Identification:

Potential Health Effects:

Route(s) of Entry: Inhalation; Skin Contact; Eye Contact; Ingestion.

Human Effects and Symptoms of Overexposure:

Acute Inhalation: May cause respiratory tract irritation.

Chronic Inhalation: Pre-Existing respiratory conditions may be aggravated by exposure. This product contains silicone dioxide (quartz) which has been listed as a suspected human carcinogen by OSHA, NTP, State of California and IRC.

Acute Skin Contact: Substance may cause slight skin irritation.

Chronic Skin Contact: Pre-existing skin conditions may be aggravated by exposure.

Acute Eye Contact: May cause slight irritation.

Chronic Eye Contact: Not Determined.

Acute Ingestion: Irritating to mouth, throat and stomach.

Chronic Ingestion: Not Determined.

Carcinogenicity: This product contains silicone dioxide (quartz) which has been listed as a suspected human carcinogen by OSHA, NTP, State of California and IRC.

Medical Conditions Aggravated by Exposure: None Known.

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Section 4: First Aid Measures

First Aid for Eyes: Flush eye with water for 15 minutes. Get medical attention.

First Aid for Skin: Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water.

If irritation persists, seek medical attention.

First Aid for Inhalation.: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Get immediate medical attention.

First Aid for Ingestion: If swallowed, DO NOT induce vomiting. Give victim one glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Should vomiting occur, be sure to keep victims head below hips to avoid aspiration of vomit into lungs.

Note to Physician: **Eyes:** None **Skin:** None **Ingestion:** None **Inhalation:** None

Section 5: Fire Fighting Measures

Flashpoint: N.A. Setflash (ASTM D-3243, D-3278, D-3828)

Flammable Limits: UPPER EXPLOSIVE LIMIT (UEL)(%): Not established.

LOWER EXPLOSIVE LIMIT (LEL)(%): Not established.

Auto Ignition Temperature: Not Determined - DIN 51794

Extinguishing Media: Dry Chemical; Carbon Dioxide; Foam; Water spray for large fires.

Special Fire Fighting Procedure: None

Section 6: Accidental Release Measures

Spill or Leak Procedures.: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Repeat sorbet/sweep cycle until the spill has dried up. Avoid run off to storm sewers or ditches which lead to waterways.

Section 7: Handling & Storage

Temperature (MIN/MAX): 40 °F / 100°F.

Special Sensitivity: Not Determined.

Shelf Life: 12 months at 77°F

Handling/Storage Precautions: None.

Section 8: Personal Protection

Required Work/Hygiene Procedures: None Established

Eye Protection Requirements: OSHA 87.1Z Safety Glasses should be worn.

Skin Protection Requirements: Chemical resistant gloves.

Ventilation Requirements: Allow for adequate natural ventilation when applying.

Respirator Requirements: An OSHA dust and particulate mask should be worn during mixing and handling of this product in dry state.

Additional Protective Measures: None.

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Section 9: Physical and Chemical Properties

Physical Form: Fine and gritty powder mixture
Color: Gray.
Odor: Odorless
Odor Threshold: N.A.
Molecular Weight: Not Determined
pH: 13.0 -14.0 s.u. (when wet)
Boiling Point: N.A.
Melting/Freezing Point: N.A.

Viscosity: N.A.
Solubility in Water: Partially
Specific Gravity: 2.33 g.cm³
Bulk Density: 90.0 lbs/ft³.
Vapor Pressure: N.A.
Vapor Density: Is heavier than air (air=1).
VOC by Weight: 0.0 g/liter.

Section 10: Stability and Reactivity

Stability: Very stable, no known reactions under normal conditions and environments.
Hazardous Polymerization: Will not occur.
Incompatibilities: Oxidizing agents, strong bases or strong acids.
Instability Conditions: Not determined.
Decomposition Products: Not Determined.

Section 11: Toxicological Information

Acute Toxicity:

Oral & Dermal LD50, Inhalation LC50, Eye & Skin Effects, Sensitization, Other Acute Effects & Toxicity data: Not determined.

Section 12: Ecological Information:

No Ecological information is available

Section 13: Disposal Consideration:

Waste Disposal Method: Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

Section 14: Transportation Information:

Technical Shipping Name: Cement
Freight Class Bulk: Not Regulated
Freight Class Package: None
Product Label: None

DOT (Domestic Surface)

Proper Shipping Name: Cement
Hazard Class or Division: Not Regulated
UN/NA Number: None
Packing Group: None

DOT Product RQ lbs (kgs): None
Hazard Label(s): None
Hazard Placard(s): None

IMO / IMDG Code (OCEAN)

Hazard Class Division Number: Non-Regulated

ICAO / IATA (AIR)

Hazard Class Division Number: Non-Regulated

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Section 15: Regulatory Information

OSHA Status: Not hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

TSCA Status: This product contains no chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States.

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

SARA TITLE III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories: None

Section 313 Toxic Chemicals: No SARA Section 313 components exist in this product.

RCRA Status: Not Regulated.

<u>COMPONENT NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>STATE CODE</u>
Silica, Quartz	14808-60-7	<75.0%	CA, MA

California Proposition 65

This product contains the chemicals listed above in the stated concentration, which the state of California has found to cause cancer, birth defects or other reproductive effects.

Massachusetts Substance List (MSL)

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. This product contains the above listed chemicals or substances at a level which requires reporting under the statute.

Section 16: Other Information

HMIS RATINGS: Health = 2* Flammability = 0 Reactivity = 1

O=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

*=Chronic Health Hazard

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