

STUCCO / FIBER BASE COAT

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MATERIAL SAFETY DATA SHEET

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

Approval Date: May 11, 2011

SECTION 1: Chemical Product and Company Identification**Product Name:** SPEC MIX® Fiber Base 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) 222-1222**SECTION 2: Composition/Information on Ingredients**

| <u>CHEMICAL</u> | <u>CAS NUMBER</u> | <u>TLV</u> | <u>STEL</u> | <u>PEL</u> | <u>CEIL</u> | <u>WEIGHT</u> |
|----------------------------|-------------------|------------|-------------|------------|-------------|-----------------|
| Silica, Crystalline Quartz | 14808-60-7 | 0.05mg/m3 | N.E. | 0.1 mg/m3 | N.E. | 60.00 - 100.00% |
| Portland Cement | 65997-15-1 | 10 mg/m3 | N.E. | 5 mg/m3 | N.E. | 10.00 - 30.00% |
| Fly Ash | 68131-74-8 | N.E. | N.E. | N.E. | N.E. | 3.00 - 7.00% |

Section 3: Hazards Identification:**HMIS RATINGS:** Health = 2* Flammability = 0 Physical Hazard = 1**WHMIS CLASS:** D2B
E**Effects of Overexposure****Inhalation:** Inhalation of dust can cause coughing and labored breathing and possible temporary but reversible irritation on mucous membranes and respiratory tract.**Skin:** Can cause slight to moderate irritation due to abrasive action. In combination with water, repeated or prolonged dermal exposure can cause moderate to severe alkali burns.**Eyes:** Can cause severe irritation, redness, tearing and blurred vision. Prolonged or repeated contact can cause burns and possibly corneal injury.**Ingestion:** Irritating to mouth, throat and stomach.**Chronic Exposure:** This product contains Crystalline (quartz) Silica which has been listed as a human carcinogen by NTP (Group1) and IARC (Human Carcinogen) and a Suspected Human Carcinogen by ACGIH (category A2). Repeated or prolonged over exposure to free respirable Crystalline (quartz) silica can cause silicosis or other delayed and serious lung injury. Repeated or prolonged overexposure to free respirable silica can cause silicosis or other delayed and serious lung injury.

| <u>Carcinogenicity</u> | <u>ACGIH</u> | <u>IARC</u> | <u>NTP</u> | <u>OSHA</u> |
|----------------------------|----------------------------|------------------|------------|-------------|
| Silica, Crystalline Quartz | Suspected human carcinogen | Human carcinogen | | N.E. |
| Portland Cement | N.E. | N.E. | N.E. | N.E. |
| Fly Ash | N.E. | N.E. | N.E. | N.E. |

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Section 4: First Aid Measures

Eye Contact: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Seek medical advice.

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

Ingestion: Do not induce vomiting without medical advice. If conscious, drink plenty of water. Call a physician immediately. Never give anything by mouth to an unconscious person. If a person vomits, place him/her in the recovery position.

Section 5: Fire Fighting Measures

Flash Point: Not Combustible

Auto Ignition Temperature: Not Combustible

Lower Explosion Limit: Not Applicable

Upper Explosion Limit: Not Applicable

Suitable Extinguishing Media: water fog, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam

Fire and Explosion Hazards: This product is alkaline and releases considerable heat on contact with small amounts of water.

Avoid contact between resulting hot alkaline paste and metallic aluminum. Such contact could generate hydrogen gas.

Special Fire-Fighting Procedures: As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Methods for Cleaning Up: Clean up promptly by sweeping or vacuum. Clean thoroughly. After cleaning, flush away traces with water. Keep in suitable, closed containers for disposal. Wear personal protective equipment. (refer to section 8).

Section 7: Handling & Storage

Handling: Use only in area provided with appropriate ventilation. Keep out of reach of children. Avoid exceeding of the given occupational exposure limits (see section 2). Avoid formation of respirable particles.

Storage: Keep container tightly closed.

Section 8: Exposure Controls and Personal Protection

Eye Protection: Wear as appropriate: safety glasses with side-shields, face shield, goggles

Hand Protection: Wear as appropriate: impervious gloves

Body Protection: Wear as appropriate: preventive skin protection, impervious clothing

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.

Hygienic Practices: Avoid contact with the skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

Engineering Controls: Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

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Section 9: Physical and Chemical Properties**Physical State:** Powder**Color:** Grey**Odor:** None**Odor Threshold:** No Data Available**pH (at 100%):** Not Applicable**Melting Point:** Not Applicable**Boiling Point/Range:** No Data Available**Freeze Point:** No Data Available**Vapor Pressure:** Not Applicable**Vapor Density:** Not Applicable**Water Solubility:** Slightly Soluble**Evaporation Rate:** No Data Available**Partitioning Coefficient:** No Data Available**VOC Concentration as Applied:** 0 g/l
(less water and exempt solvents)**Section 10: Stability and Reactivity****Stability:** Stable under recommended storage conditions.**Conditions to Avoid:** No Data Available**Materials to Avoid:** strong acids, strong bases, strong oxidizing agents.**Hazardous Polymerization:** Will not occur under normal conditions.**Hazardous Decomposition Products:** No Data Available**Section 11: Toxicological Information****Acute Inhalation Toxicity**

| | <u>Type</u> | <u>Value</u> | <u>Species</u> | <u>Exposure Time</u> |
|----------------------------|-------------|-------------------|----------------|----------------------|
| Product | LC50 | No Data Available | | |
| Component | | | | |
| Silica, Crystalline Quartz | LC50 | No Data Available | | |
| Portland Cement | LC50 | No Data Available | | |
| Fly Ash | LC50 | No Data Available | | |

Acute Oral Toxicity

| | <u>Type</u> | <u>Value</u> | <u>Species</u> | <u>Exposure Time</u> |
|----------------------------|-------------|-------------------|----------------|----------------------|
| Product | LD50 (Oral) | No Data Available | | |
| Component | | | | |
| Silica, Crystalline Quartz | LD50 (Oral) | 1,300 mg/kg | | |
| Portland Cement | LD50 (Oral) | 2,000 mg/kg | | |
| Fly Ash | LD50 (Oral) | 5,000 mg/kg | | |

Acute Dermal Toxicity

| | <u>Type</u> | <u>Value</u> | <u>Species</u> | <u>Exposure Time</u> |
|----------------------------|---------------|-------------------|----------------|----------------------|
| Product | LC50 (Dermal) | No Data Available | | |
| Component | | | | |
| Silica, Crystalline Quartz | LC50 (Dermal) | No Data Available | | |
| Portland Cement | LC50 (Dermal) | No Data Available | | |
| Fly Ash | LC50 (Dermal) | No Data Available | | |

Section 12: Ecological Information:**Ecotoxicological Advice:** Ecological data are not available.

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Section 13: Disposal Consideration:

Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with federal, state, and local regulations.

Section 14: Transportation Information:

DOT: Proper shipping name is not regulated
IATA: Proper shipping name is not regulated

Section 15: Regulatory Information

SARA 311-312 (RTK)

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: IMMEDIATE (ACUTE) HEALTH HAZARD & DELAYED (CHRONIC) HEALTH HAZARD

SARA 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372:

Weight% CAS No. Chemical Name

This product contains no chemicals subject to the SARA 313 supplier notification requirements

CERCLA

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product:

:

RQ CAS No. Chemical Name

No CERCLA chemicals exist in this product above reportable concentrations.

TSCA Section 12(b) Export Notification

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

CAS No. Chemical Name

There are no TSCA 12(b) Chemicals in this product.

California Proposition 65

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at <0.1%:

| Cas No. | Chemical Name |
|----------------|-------------------------------------|
| 65997-17-3 | Sodium Zinc Potassium Polyphosphate |
| 14808-60-7 | Silica, Crystalline Quartz |
| 7440-47-3 | Chromium |
| 7440-02-0 | Nickel |
| 7439-92-1 | Inorganic Lead |

Section 16: Other Information

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