

## Material Safety Data Sheet

### Section 1: Product Information

**Manufacturer's Name / Address:**

Raeco Specialty Cements  
9130 15<sup>th</sup> Place South, Ste F  
Seattle, WA 98108

**Info. Phone:**

206-763-1335

**Emergency Phone:**

206-763-1336

**Trade Names:****Chemical Family:**

RAECO Buttercoat RPS

Cementitious Mortar

**Intended Use:**

Floor underlayment

**Initial Issue Date:**

02/12/08

**Revision Date:**

05/21/09

**Prepared By:**

David Landrey

### Section 2: Hazardous Ingredients

| <b>Hazardous Component</b>                         | <b>OSHA PEL</b>                           | <b>ACGIH TLV</b>          | <b>Other Limits</b> | <b>% (Optional)</b> |
|----------------------------------------------------|-------------------------------------------|---------------------------|---------------------|---------------------|
| Portland Cements (65977-15-1)                      | ND                                        | ND                        | ND                  | 9-50                |
| Magnesium Oxide                                    | 10mg/m <sup>3</sup>                       | 10mg/M <sup>3</sup>       | ND                  | 0-75                |
| Calcium Carbonate (1317-65-3)<br>(Respirable dust) | 15mg/m <sup>3</sup><br>5mg/M <sup>3</sup> | 10mf/M <sup>3</sup><br>ND | ND<br>ND            | 0-85                |

**VOC of Component:** 0g/L

**VOC As Applied:**0g/L

### Section 3: Physical Data

**Boiling Point (°C):** NA

**Vapor Pressure:** NA

**Vapor Density:** NA

(Air = 1)

**Solubility in Water:** Slight

**Freezing Point** NA

**Coefficient of Oil/Water Distribution:**

**Appearance and Odor:**

**Odor Threshold:**

**Specific Gravity:** 2.9

**Melting Point:** NE

**Evaporation Rate:** NA

(Butyl Acetate = 1)

**pH:** Alkaline when wet

ND

White or gray powder with no characteristoc odor.

NE

### Section 4: Fire and Explosion Hazard

**Flash Point (°C):**

NA

**Conditions of Flammability:**

NA

**Flammable Limits:**

LEL: NA UEL: NA

**Autoignition Temperature (°C):**

NA

**Hazardous Combustion Products:**

None known.

**Sensitivity to Impact:**

None

**Sensitivity to Static Discharge:**

None

**Extinguishing Media:**

NA

**Special Firefighting Procedures:**

NA

**Unusual Fire and Explosion**

None

**Hazards:**

## Section 5: Health Hazard Data

**Primary Routes of Entry:** ☒ Eye ☒ Inhalation ☒ Skin Contact ☐ Ingestion

**Overexposure Effects:** Respiratory, skin, and eye irritation.

**Conditions Aggravated by Exposure:** Asthma, pre-existing skin disorders.

### Health Hazards (Acute and Chronic Exposures):

#### Eyes

Acute:

Drying, irritation, and redness.

Chronic:

ND

#### Skin Contact

Acute:

Drying, irritation, redness. Prolonged and repeated exposure to wet material may cause painful rash.

Chronic:

Allergic dermatitis may develop in hypersensitive individuals.

#### Skin Absorption

Acute:

Not absorbed through skin.

Chronic:

NA

#### Inhalation

Acute:

Irritation, labored breathing, drying of the nose and throat.

Chronic:

Excessive inhalation may result in respiratory disease, including silicosis, pneumoconiosis, and pulmonary fibrosis. Symptoms are progressive with continued exposure and increasing age.

#### Ingestion

Acute:

Alkali burns of the mouth, throat, and gastrointestinal tract.

Chronic:

ND

### Emergency and First Aid Procedures:

#### General:

If unconscious, provide artificial respiration. Seek medical assistance as necessary. Treat symptomatically.

#### Eyes:

Flush with clean water for at least 15 minutes while holding the eyelids open. Obtain medical attention.

#### Skin:

Remove contaminated clothing immediately. Wash effected areas with soap and water for at least 15 minutes. Seek medical attention if symptoms persist.

#### Inhalation:

Move effected person from risk of further exposure. Administer oxygen or artificial respiration as necessary. Obtain medical attention.

#### Ingestion:

Do not induce vomiting. Give 250ml of milk or water to drink. DO NOT GIVE LIQUIDS TO AN UNCONCIOUS PERSON. Consult physician.

### Carcinogenic Data:

NTP: ND

OSHA: Suspected

IARC: Yes

### Toxicological Data:

ND

## Section 6: Reactivity Data

**Chemical Stability:** ☒ Stable ☐ Unstable

**Conditions to Avoid:** High humidity.

**Incompatibility (Materials to Avoid) :** Fluorine, acids, water.

**Hazardous Decomposition Products:** Calcium Oxide.

**Hazardous Polymerization (Reactivity) :** ☐ May Occur ☒ Will Not Occur

## Section 7: Spill and Leak Procedures:

**Steps to be Taken in Case of Material Release or Spillage:** Equip cleaning crew with protective clothing inclusive of rubber boots and gloves, long sleeve shirts and pants. Contain spill. Cover with absorbent material. Collect material in open containers.

**Waste Disposal Methods:** Dispose at a licensed, permitted, waste disposal facility in accordance with federal, state, and local regulations.

**Ecological Information:** ND

**Ecotoxicity:** ND

## Section 8: Special Protection Information

**Engineering Controls:** Local exhaust and general ventilation is recommended

**Respiratory Protection:** NIOSH approved respirator must be worn. N-95 designation.

**Protective Gloves:** Latex glove or neoprene rubber must be worn.

**Eye Protection:** Chemical goggles or full-face shield must be worn.

**Other protective Equipment:** Long sleeve shirts and pants must be worn. Eye wash station or shower should be locally accessible.

## Section 9: Handling and Storage

**General:** Store away from moisture.

## Section 10: Supplemental Information

**Health:** 2

**Flammability:** 0

**Reactivity:** 0

**DOT Proper Shipping Name:** Not regulated

**Hazard Class :** NA

**UN Number:** NA

**Packing Group:** NA

**IMO Shipping Data:** ND

**ICAO/IATA Shipping Data :** ND

**TSCA (Toxic Substance Control Act) :**

All substances contained in this product are listed in the TSCA inventory.

**CERCLA (Comprehensive Response Compensation and Liability Act):**

None.

**SARA Title III:**

ND

**California Proposition 65 :** Below is a list of compounds known to the State of California to cause cancer, birth defects, or other reproductive harm:

None

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