

**Section 1. Identification**
**Product Name:** RAECO Feather Spread RPS™

**Effective Date:** 31 May 2015

**Replaces:** New

**Manufacturer Name:** Silpro, LLC

**Address:** 2 New England Way  
Ayer, MA 01432-1514

**24/7 EMERGENCY PHONE:** INFOTRAC 800-535-5053 Call collect internationally 352-323-3500

**24/7 HEALTH EMERGENCIES:** 800-222-1222 National Poison Control Center.

**Section 2. Hazard(s) Identification**
**Emergency overview:** Gray powder with a sweet odour. Feather Spread RPS™ may cause skin and eye irritation. Ingestion may cause gastric distress.

**GHS Pictograms:**
**GHS Signal Word:** WARNING

**POTENTIAL HEALTH EFFECTS:**
**CODE OF HAZARD STATEMENTS:**

Physical hazards

None.

Health Hazards

H305, Harmful if swallowed.

H313, May be harmful in contact with skin.

H315, Causes skin irritation.

H319, Causes serious eye irritation.

H333, May be harmful if inhaled.

Environmental hazards

H402, Harmful to aquatic life.

**CODE OF PRECAUTIONARY STATEMENTS:**

General

P101, Keep out of reach of children.

P103, Read label before use.

Prevention

P234, Keep only in original container.

P261, Avoid breathing dust.

P262 Do not get in eyes, on skin or on clothing.

P264, Wash thoroughly after handling.

P270, Do not eat, drink or smoke when using this product.

P280, Wear protective gloves/protective clothing/eye protection/face protection.

Response

P312, Call a POISON CENTER or doctor/physician if you feel unwell.

P331, DO NOT induce vomiting.

P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P352, Wash with plenty of soap and water.

P362, Take off contaminated clothing and wash before reuse.

Storage

P402, Store in a dry place.

P403, Store in a well-ventilated area.

P411, Do not expose to temperatures below 0 °C/32 °F.

**ROUTES OF ENTRY:** Eye contact, skin adsorption, ingestion and inhalation.

**CARCINOGENICITY:** None. *NOTE: Please refer to Section 11 for detailed toxicological information.*

### Section 3. Composition/Information on Ingredients

Ingredients				
Component	CAS #	EINECS #	Percent	REACH Reg. #
Portland cement	65997-15-1	266-15-7	>30	No
Calcium magnesium carbonate	65997-16-2	266-045-5	>15	No
Calcium carbonate	471-34-1	207-439-9	>14	Yes
Filler	Prop.	Prop.	Prop.	No
Prop. A (Polymer)	Prop	Prop	Prop.	No

### Section 4. First Aid Measures

**Eye Contact:** Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse. If irritation persists, contact a physician.

**Inhalation:** Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

**Ingestion:** If swallowed, get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

### Section 5. Fire Fighting Measures

**Flash Point:** Not combustible.

**Flammability Limits:** NE.

**Fire Fighting Media:** Use dry chemical, carbon dioxide, and water spray.

**Special Fire Fighting Procedures:** Product cannot burn. Fire fighters need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE).

### Section 6. Accidental Release Measures

**Use personal protective equipment, see section 8.**

**Clean-up Procedures:** Stop the source of the release, if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use shovel to pick up absorbent for disposal.

**Spills and Leaks:** Dispose in accordance to local, state or federal regulations.

### Section 7. Handling and Storage

**Handling:** Do not get into eyes, on skin and on clothing. Do not breathe mists. Wash thoroughly after handling. Do not freeze. Keep out of sunlight.

**Storage:** Store in original labeled container. Keep in cool and dry areas. Keep above 33.8°F (1.0°C).

### Section 8. Exposure Controls/Personal Protection

**Introductory Remarks:** Consider the potential hazards of this product outlined in section 2. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Ingredient	OSHA PEL
Portland cement	5 mg/m <sup>3</sup>
Calcium magnesium carbonate	15 mg/m <sup>3</sup>
Prop. A. (polymer)	15 mg/m <sup>3</sup>

**Personal Protection:**

**Eyes:** Wear safety goggles or safety glasses to prevent eye contact.

**Body:** Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

**Hands:** Neoprene chemical resistant gloves.

**Respiratory:** Wear an approved respirator that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

**Other:** None.

Section 9. Physical and Chemical Properties			
Odour/Colour	Gray powder with sweet odour	Vapour Pressure	> 17 torr @ 68°F (20C)
pH	10.0-11.0	Specific gravity (water=1)	1.03 @ 68°F (20 °C)
Solubility	Miscible in water	Melting point	32.0°F (0.0°C)

### Section 10. Stability and Reactivity

**Chemical Stability:** Considered stable under normal ambient temperatures.

**Hazardous Decomposition:** If complete combustion, oxides of carbon and silicate are formed.

**Hazardous Polymerization:** Will not occur.

**Incompatibility - Materials to Avoid:** No known materials that are incompatible.

### Section 11. Toxicological Information

The product is not toxic.

**Acute Eye Irritation:** Irritating.

**Acute Skin Irritation:** May be irritating.

**Acute Dermal Toxicity:** Not expected to be toxic through the skin.

**Acute Inhalation Toxicity:** Not determined, expected to be an irritant to the respiratory system.

**Carcinogenic Effects:** None.

### Section 12. Ecological Information

**Ecotoxicity:** The toxicity of this product has not been determined.

**Environmental Fate:** This product's environmental fate has not been determined.

### Section 13. Disposal Considerations

**Waste Disposal Method:** Whatever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations

**Container Handling and Disposal:** All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

### Section 14. Transport Information

**Ground Classification:** Not regulated by US DOT.

**Shipping Name:** RAECO Feather Spread RPS™

**IATA or IMO:** Not regulated.

### Section 15. Regulatory Information

<b>EP CRA 311/312 Categories:</b> Immediate (Acute) Health Effects:	Yes
Delayed (Chronic) Health Effects:	No
Fire Hazard:	No
Sudden Release of Pressure	No
Reactivity:	No

**European Community Pictogram:**  Irritant

**WHMIS:** Xi (Irritant to the eyes and skin)

**Right to know classification:** Not listed in the United States.

**TSCA:** Calcium magnesium carbonate.

**Reportable Quantity (RQ):** None

**Prop. 65:** 1-methyl pyrrolidone causes fertility issues.

All ingredients are listed in chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK

#### Abbreviations:

CAS #	Chemical Abstract Service Number	EINECS	European Inventory of existing Commercial Chemical Sales
°C	Celsius temperature scale	°F	Fahrenheit temperature scale
Prop.	Proprietary	PE	Personal Protective Equipment



Safety Data Sheet

RAECO Feather Spread RPS™

- TLV Threshold Limit Value
- STEL Short-term Exposure Limit
- OSHA Occupational Safety & Health
- NFPA National Fire Protection Agency
  
- NTP National Toxicology Program
- RCRA Resource Conservation Recovery Act
- EC<sub>50</sub> Effective Dose
- LD<sub>50</sub> Lethal Dose
- LEL Lower explosive limit
- NDA No Data Available
- NE None established
- ≤ Less Than or Equal To
- CNS Central Nervous System
- DSL Canada
- EEC European Economic Commission
- EU European Union
- MAK Germany
- PICCS Philippines
- UK United Kingdom
- VOC Volatile organic content
- ACGIH American Conference of Government Industrial Hygienists
- SARA Superfund Amendments and Reauthorization Act
- AICS Australian Inventory of Chemical Substances
- IARC International Agency for Research on Cancer
- Taiwan List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086
  
- TWA Time Weighted Average
- PEL Permissible Exposure Limit
- NIOSH National Institute of Safety & Health
- WHMIS Workplace Hazardous Materials Information System
- IARC Int. Agency for Research on Cancer
- TSCA Toxic Substance Control Act
- LC<sub>50</sub> Lethal Inhalation Concentration
- CAS Chemical Abstract Service Number
- UEP Upper explosive limit
- ND Not determined
- NA Not Applicable
- ≥ Greater Than or Equal To
- CI China
- ECL Korean Existing Chemicals List
- ENCS Japanese Existing and New Chemical List
- MAC Netherlands
- MITI Japan
- SWISS Giftliste 1
- USA United States

**Section 16. Other Information**

**Hazardous Material Information (HMIS)**

**National Fire Protection Association (NFPA)**

Health	1	1	Health
Fire	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	E		NA

Health 4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard  
 Fire 4 < 73 °C 3 < 100 °C 2 < 200 °C 1 >200 °C 0 Will not burn  
 Reactivity/Instability 4 – May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

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