



Material Safety Data Sheet

Material Name: PRECIPITATED CALCIUM CARBONATE SLURRY

ID: C-MS-AT-2016CRYSTALGL
OS

***** Section 1 - Chemical Product and Company Identification *****

Chemical Name: Precipitated Calcium Carbonate

Product Use: Mineral Filler and Pigment

Synonyms: CRYSTALGLOS® 40, CRYSTALGLOS® 60, OPACARB® A40

Manufacturer Information

Specialty Minerals Inc.
The Chrysler Building
405 Lexington Avenue
New York, NY 10174-1901

Phone: 1-877-684-7627

Emergency # CHEMTREC: (800) 424-9300

***** Section 2 - Composition / Information on Ingredients *****

CAS #	Component	Percent (wt/wt)
471-34-1	Precipitated Calcium Carbonate	60-100
7732-18-5	Water	30-60

Component Information

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

***** Section 3 - Hazards Identification *****

Emergency Overview

This product is irritating to the respiratory system and skin.

Potential Health Effects: Eyes

This product may cause irritation to the eyes.

Potential Health Effects: Skin

This product may cause irritation to the skin.

Potential Health Effects: Ingestion

May cause temporary irritation of the throat, stomach, and gastrointestinal tract.

Potential Health Effects: Inhalation

Dusts of this product may cause irritation of the nose, throat, and respiratory tract.

Medical Conditions Aggravated by Exposure

No information available for the product.

Potential Environmental Effects

No significant environmental effects.

HMIS Ratings: Health: 0 Fire: 0 Reactivity: 0 Pers. Prot.: D

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

***** Section 4 - First Aid Measures *****

First Aid: Eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

First Aid: Skin

For skin contact, wash immediately with soap and water.

First Aid: Ingestion

Product is not considered toxic in small amounts.

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First Aid: Inhalation

If inhaled, immediately remove the affected person to fresh air.

First Aid: Notes to Physician

Provide general supportive measures and treat symptomatically.

* * * Section 5 - Fire Fighting Measures * * *

General Fire Hazards

This material will not burn.

Hazardous Combustion Products

None identified.

Extinguishing Media

Use methods for the surrounding fire.

Fire Fighting Equipment/Instructions

None necessary.

NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

* * * Section 6 - Accidental Release Measures * * *

Containment Procedures

Contain the discharged material.

Clean-Up Procedures

An absorbant material would aid in cleaning up a liquid spill. This material is non-hazardous as defined by DOT and is not a hazardous waste as defined by RCRA.

Evacuation Procedures

None necessary.

Special Procedures

No additional information available.

* * * Section 7 - Handling and Storage * * *

Handling Procedures

Ventilate any tank or railcar used to store or transport this material thoroughly prior to entry.

Storage Procedures

Room temperature - normal conditions.

* * * Section 8 - Exposure Controls / Personal Protection * * *

Exposure Guidelines

A: General Product Information

Protect from eye and skin contact.

B: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear chemical goggles or a full face shield.

Personal Protective Equipment: Skin

Use impervious gloves.

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Personal Protective Equipment: Respiratory

Not normally needed.

Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

*** Section 9 - Physical & Chemical Properties ***

Appearance: White Slurry	Odor: None
Physical State: Slurry	pH: 7-11
Vapor Pressure: Minimal	Vapor Density: N/A
Boiling Point: Unknown	Melting Point: N/A
Solubility (H2O): Slightly Soluble	Specific Gravity: 2.86 (dry product)

*** Section 10 - Stability & Reactivity ***

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

Avoid strong oxidizing agents.

Incompatibility

Calcium Carbonate ignites on contact with fluorine. It is incompatible with acids, alum, ammonium salts, and mercury/hydrogen mixtures.

Hazardous Decomposition

Thermal oxidative decomposition of calcium carbonate can produce calcium oxide. This product may be treated with small amounts of thione. Decomposition of thione may produce small amounts of formaldehyde.

Hazardous Polymerization

Will not occur.

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

Overexposure to calcium carbonate may result in irritation to eyes, skin and respiratory system. Acute ingestion may result in mild gastrointestinal distress while chronic exposure may result in hypercalcemia, alkalosis and renal impairment. Approximately 70-80% of inhaled calcium carbonate was retained in the lungs. Animal studies suggest that inhalation of calcium carbonate dusts may enhance susceptibility to respiratory infection.

B: Component Analysis - LD50/LC50

Precipitated Calcium Carbonate (471-34-1)

Oral LD50 Rat: 6450 mg/kg

Water (7732-18-5)

Oral LD50 Rat: >90 mL/kg

Carcinogenicity

A: General Product Information

No carcinogenicity data available for this product.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

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*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

This material is not expected to be harmful to aquatic life.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Environmental Fate

This material shows no bioaccumulation or food chain concentration toxicity potential.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

No components are identified as hazardous wastes.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

If this material becomes a waste it does not meet the criteria of a hazardous waste as defined by USEPA RCRA regulations. More stringent state or local regulations may apply. Combining this material with another may alter this classification.

*** Section 14 - Transport Information ***

US DOT Information

Shipping Name: None necessary.

Additional Info.: None.

International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

TSCA - All components are on the U.S. EPA TSCA Inventory List.

B: Component Analysis

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

Acute Health: Yes **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State

None of this product's components are listed on the state lists from CA, FL, MA, MI, MN, NJ, or PA.

Other Regulations

A: General Product Information

Canadian WHMIS Classification: Not WHMIS Regulated

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B: Component Analysis - Inventory

Component	CAS #	TSCA	DSL	NDSL	EINECS	AUST	PHIL.	MITI	KOREA	ELINCS	CHINA
Precipitated Calcium Carbonate	471-34-1	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes
Water	7732-18-5	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	Yes

C: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL

* * * **Section 16 - Other Information** * * *

Other Information

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Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; DOT = Department of Transportation; RCRA = Resource Conservation and Recovery Act

This is the end of MSDS # C-MS-AT-2016CRYSTALGLOS