



# Material Safety Data Sheet

Material Name: EMforce

ID: C-MS-AT-2066EMFORCE

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

**Chemical Name:** Mixture

**Product Use:** Mineral Additive

**Synonyms:** EMforce, EMforce Bio

**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
Proprietary	Proprietary substance	1-5

**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 eyes, respiratory system and skin.

**Potential Health Effects: Eyes**

Dust or powder may irritate eye tissue.

**Potential Health Effects: Skin**

Dust or powder may irritate the skin.

**Potential Health Effects: Ingestion**

No significant adverse effects are expected upon ingestion of the product.

**Potential Health Effects: Inhalation**

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

**Medical Conditions Aggravated by Exposure**

Pre-existing respiratory, skin and eye diseases.

**Potential Environmental Effects**

No significant environmental effects.

**HMIS Ratings: Health: 0 Fire: 0 Reactivity: 0 Pers. Prot.: B**

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

Move person to non-contaminated 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

Provide adequate ventilation. Cleanup personnel should use personal protective equipment to reduce eye contact, inhalation of dust, and prolonged skin contact. Use vacuum equipment with HEPA filters or wet sweeping/dust suppressant if sweeping is required. Personal safety, handling and exposure recommendations described elsewhere in this data sheet apply to exposure during clean up of spilled material and must be followed.

### Evacuation Procedures

None necessary.

### Special Procedures

No additional information available.

## \* \* \* Section 7 - Handling and Storage \* \* \*

### Handling Procedures

Avoid getting this material into contact with your skin and eyes.

### Storage Procedures

Store in a cool, dry, well-ventilated area.

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

### Exposure Guidelines

#### A: General Product Information

Keep formation of airborne dusts to a minimum. Follow the ACGIH recommended exposure limit of 10 mg/m<sup>3</sup> for Particulates Not Otherwise Classified (PNOC).

#### B: Component Exposure Limits

##### Precipitated calcium carbonate (471-34-1)

NIOSH: 10 mg/m<sup>3</sup> TWA (total dust); 5 mg/m<sup>3</sup> TWA (respirable dust)

### Engineering Controls

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

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## PERSONAL PROTECTIVE EQUIPMENT

### Personal Protective Equipment: Eyes/Face

Wear dust goggles.

### Personal Protective Equipment: Skin

Use impervious gloves.

### Personal Protective Equipment: Respiratory

Use a dust mask for particulate concentrations exceeding the Occupational Exposure Limit.

### Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

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

**Appearance:** White Powder  
**Physical State:** Solid  
**Vapor Pressure:** N/A  
**Boiling Point:** N/A  
**Solubility (H2O):** Partially soluble

**Odor:** None  
**pH:** N/A  
**Vapor Density:** N/A  
**Melting Point:** Unknown  
**Specific Gravity:** 2-3

## \*\*\* Section 10 - Stability & Reactivity \*\*\*

### Chemical Stability

Stable under normal conditions.

### Chemical Stability: Conditions to Avoid

Avoid contact with acids.

### Incompatibility

No information available for the product.

### Hazardous Decomposition

No information available for the product.

### Hazardous Polymerization

Will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute and Chronic Toxicity

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - LD50/LC50

##### Precipitated calcium carbonate (471-34-1)

Oral LD50 Rat: 6450 mg/kg

##### Proprietary substance (Proprietary)

Dermal LD50 Rabbit: >5 g/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 products 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
Proprietary substance	Proprietary	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes

## C: Component Analysis - WHMIS IDL

Component	CAS	Present
Proprietary substance	Proprietary	Yes

## \* \* \* 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-2066EMFORCE