



527

# Material Safety Data Sheet

Material Name: Talc *Montana Soapstone*

ID: STDALC

#2 = 9704213 - 9704214 - 9704215 - 9704216 - 9704219

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

Chemical Name: Magnesium Silicate Hydrate

Product Use: Mineral Additive

Synonyms: ABT® 1000, ABT® 2500, ABT® 2501, CERCRO® MB 2900, CERCRO® MB 3900, CERCRO® MB 50-60, CERCRO® MB 96-67, CERCRO® MB 96-68, CERCRO® MB 99-01, CERCRO® MP 97-30, CERCRO® MP 98-25, CERCRO® MP 99-48, MICROTALC® DM 12-50, MICROTALC® MP 10-52, MICROTALC® MP 11-51, MICROTALC® MP 12-50, MICROTALC® MP 15-38, MICROTALC® MP 25-38, MICROTALC® MP 30-36, MICROTALC® MP 50-26, MICROTALC® MP 70-22, MICROTALC® MPD 2500, MICROTALC® MPD 2501, MP 12-52, PC 2000, TALCRON® MP 40-27, TALCRON® MP 44-26, TALCRON® 45-26, ULTRATALC® 609, ULTRATALC® 609D, WCD 399, BAX-

### Manufacturer Information

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Mfg Contact: Mike Larson or David Campbell - EHS Services

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

CAS #	Component	Percent
14807-96-6	Talc	80-100
1318-59-8	Chlorite-group minerals	1-5
14808-60-7	Quartz	0.1-1.0

### 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

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

### Potential Health Effects: Inhalation

Long-term excessive exposures may cause Talcosis, a pulmonary fibrosis, which in turn may lead to severe and permanent damage to the lungs. **WARNING:** This product contains crystalline silica. Long-term overexposure to crystalline silica causes silicosis, a form of pulmonary fibrosis. Continued overexposure to silica can lead to cardiopulmonary impairment. Crystalline silica has been reviewed by IARC. IARC found sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from occupational sources.

### Medical Conditions Aggravated by Exposure

No information available for the product.

### Potential Environmental Effects

No significant environmental effects.

Health: 1\* Fire: 0 Reactivity: 0 Pers. Prot.: E

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

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## \*\*\* 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.

### 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: 1 Fire: 0 Reactivity: 0 Other:

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.

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**B: Component Exposure Limits**

**Talc (14807-96-6)**

ACGIH: 2 mg/m<sup>3</sup> TWA (this TLV is for the respirable fraction of dust for Talc containing no asbestos and <1% crystalline silica)

OSHA: respirable dust (less than 1% crystalline silica); 2 mg/m<sup>3</sup> TWA (Listed under 'Silicates')

NIOSH: respirable dust: 2 mg/m<sup>3</sup> TWA

**Quartz (14808-60-7)**

ACGIH: (0.1 mg/m<sup>3</sup>) TWA (this TLV is for the respirable fraction of dust)

OSHA: respirable dust: 0.1 mg/m<sup>3</sup> TWA

NIOSH: as respirable dust: 0.05 mg/m<sup>3</sup> TWA; NIOSH Potential Occupational Carcinogen - see Appendix A

**Engineering Controls**

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

**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 (H<sub>2</sub>O):** Insoluble

**Odor:** None  
**pH:** N/A  
**Vapor Density:** N/A  
**Melting Point:** Unknown  
**Specific Gravity:** 2.8

**\*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\***

**Chemical Stability**

Stable under normal conditions.

**Chemical Stability: Conditions to Avoid**

Avoid contact with water.

**Incompatibility**

None identified.

**Hazardous Decomposition**

None identified.

**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**

No LD50/LC50's are available for this product's components.

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**\*\*\* 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 # STDALC