

Safety Data Sheet (in compliance with REACH Title IV/Annex II and ISO 11014 format)

Name of Product: TALC

SDS ID: C-MS-AT-2042STD TALC

*** Section 1 - Identification of the Substance/Preparation and the Company/Undertaking ***

1.1. Identification of the substance or preparation:

ABT® 1000, ABT® 2500, ABT® 2501, CERCRON® MB 2900, CERCRON® MB 3900, CERCRON® MB 50-60, CERCRON® MB 93-37, CERCRON® MB 96-67, CERCRON® MB 96-68, CERCRON® MB 99-01, CERCRON® MP 97-30, CERCRON® MP 98-25, CERCRON® MP 99-48, MICROTALC® BP-210, MICROTALC® DM 12-50, MICROTALC® MP 10-52, MICROTALC® MP 11-51, MICROTALC® MP 12-50, LOW MICRON 399, MICROTALC® MPD 12-50, MICROTALC® MP 12-52, MICROTALC® MP 15-38, MICROTALC® MP 20-40, MICROTALC® MP 25-38, MICROTALC® MP 30-36, MICROTALC® MP 50-26, MICROTALC® MP 70-22, MICROTALC® MP 98-28BC, MICROTALC® MP 45-26 BC, MICROTALC® MPD 2500, MICROTALC® MPD 2501, MICROTUFF® 111, MICROTUFF® 191, PC 2000, TALCRON® MP 10-52, TALCRON® MP 12-50, TALCRON® MP 15-38, TALCRON® MP 25-38, TALCRON® MP 30-36, TALCRON® MP 40-27, TALCRON® MP 44-26, TALCRON® 45-26, ULTRATALC® 609, ULTRATALC® 609D, 9910 Talc, TALCRON 25 LOA, TALCRON 35 LOA, TALCRON 40 LOA, TALCRON 45 LOA, TALCRON 30 LOA

1.2. Use of the substance/preparation

Mineral Additive

1.3. Company / undertaking identification

Barretts Minerals Inc.
(Wholly owned subsidiary of Specialty Minerals, Inc.)
8625 Highway 91 South
Dillon, MT 59725
Phone No: +1-877-684-7627

E-Mail of responsible person: john.cornia@mineralstech.com

1.4. Emergency telephone

Emergency telephone number: +1-760-476-3961 (USA) Access Code: 333336
Available outside office hours? Yes

*** Section 2 - Hazards Identification ***

These talc mineral products are exempted from the requirements of GHS.
This substance does not meet the criteria for classification as dangerous as defined in Directive 67/548 EEC.

*** Section 3 - Composition/Information on Ingredients ***

3.1. Chemical composition:

This product may be regulated, have exposure limits or other information identified as the following: Talc and Quartz.

EC #	Component	Percent (wt/wt)	Symbols	Risks
238-877-9	Talc 14807-96-6	60-100		
215-285-9	Chlorite-group minerals 1318-59-8	1-5		
238-878-4	Quartz 14808-60-7	0.1-1.0		

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Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Silica, crystalline (general form).

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

No action to be avoided or special instructions for rescuers.

Eye contact

No special measure.

Wash with copious quantities of water and consult medical physician if necessary.

Ingestion

No special first aid measures.

Inhalation

No special measure

Skin contact

No special measure

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

Non flammable, non explosive. No hazardous releases in case of fire.

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

Personal Precautions

In case of exposure to prolonged or high level of airborne dust, wear a personal respirator in compliance with national legislation.

Environmental Precautions

No special requirement.

Methods for cleaning up

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.

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

7.1. Safe Handling Advice

Avoid dust formation.

Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment.

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

7.2. Storage

Technical measures / Precautions

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No specific requirements. Provide appropriate ventilation and store bags such as to prevent any accidental damage.

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

7.3. Specific Use(s)

No special technical measures or precautions. Apply above handling advice when mixing with other substances.

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

8.1. Exposure limit values

Respect regulatory provisions for dust (total and respirable). Please refer to the annex 1 for the appropriate national exposure limit values.

A: General Product Information

Keep formation of airborne dusts to a minimum.

B: Component Exposure Limits - Eight Hour

Talc (238-877-9)

Austria:	2 mg/m3 MAK (Asbestos-free fibers, respirable fraction)
Belgium:	2 mg/m3 TWA
Czech Republic:	2.0 mg/m3 TWA (respirable fraction, <=5% silica, cristobalite, tridymite and g-aluminium oxide); 10 mg/m3 TWA (total dust)
Denmark:	0.3 fiber/cm3 TWA
Finland:	0.5 fiber/cm3 TWA (fiber); 5 mg/m3 TWA (granular)
Greece:	10 mg/m3 TWA (inhalable fraction); 2 mg/m3 TWA (respirable fraction)
Hungary:	2 mg/m3 TWA (respirable)
Ireland:	10 mg/m3 TWA (total inhalable dust); 0.8 mg/m3 TWA (respirable dust)
Norway:	6 mg/m3 TWA (total dust); 2 mg/m3 TWA (respirable dust)
Poland:	4.0 mg/m3 NDS (total inhalable dust); 1.0 mg/m3 NDS (respirable dust)
Portugal:	2 mg/m3 TWA (respirable fraction, particulate matter containing no Asbestos and < 1% Crystalline silica)
Russia:	4 mg/m3 TWA (containing <=10% free Silicon dioxide, aerosol)
Slovak Republic:	2 mg/m3 TWA (respirable fraction, 5% or less fibrogenic component); 10 mg/m3 TWA (respirable fraction, greater than 5% fibrogenic component); 10 mg/m3 TWA (total aerosol)
Slovenia:	2 mg/m3 TWA (respirable fraction)
Spain:	2 mg/m3 VLA-ED (this value is for the particulated matter that is free from Asbestos and contains less than 1% of Crystalline silica, respirable fraction)
Sweden:	2 mg/m3 LLV (total dust); 1 mg/m3 LLV (respirable dust)
Switzerland:	2 mg/m3 MAK (respirable)
UK:	1 mg/m3 TWA (respirable dust)

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Quartz (238-878-4)

Austria:	0.15 mg/m3 MAK (yearly average, alveolar dust, respirable fraction); 4 mg/m3 MAK (when it contains >1% or more of the substance, yearly average, alveolar dust, respirable fraction)
Belgium:	0.1 mg/m3 TWA (alveolar dust)
Denmark:	0.3 mg/m3 TWA (total); 0.1 mg/m3 TWA (respirable)
Estonia:	0.1 mg/m3 TWA (respirable dust)
Finland:	0.05 mg/m3 TWA (respirable); 0.2 mg/m3 TWA (blasting and quarrying, respirable)
France:	0.1 mg/m3 VME (restrictive limit, alveolar fraction)
Hungary:	0.15 mg/m3 TWA (respirable)
Ireland:	0.1 mg/m3 TWA (respirable dust)
Norway:	0.3 mg/m3 TWA (total dust); 0.1 mg/m3 TWA (respirable dust)
Poland:	2 mg/m3 NDS (>50% free crystalline silica, total inhalable dust); 0.3 mg/m3 NDS (>50% free crystalline silica, respirable dust); 4.0 mg/m3 NDS (2% to 50% free crystalline silica, total inhalable dust); 1.0 mg/m3 NDS (2% to 50% free crystalline silica, respirable dust)
Portugal:	0.025 mg/m3 TWA (respirable fraction)
Slovak Republic:	0.1 mg/m3 TWA (in Cristobalite or Tridymite, total aerosol)
Slovenia:	0.15 mg/m3 TWA (respirable fraction)
South Africa:	0.1 mg/m3 TWA (respirable dust) (related to Silica, crystalline (general form))
Spain:	0.1 mg/m3 VLA-ED (respirable fraction)
Sweden:	0.1 mg/m3 LLV (respirable dust)
Switzerland:	0.15 mg/m3 MAK (respirable)
UK:	0.3 mg/m3 TWA (respirable)

8.2. EXPOSURE CONTROLS

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

8.2.1. Occupational Exposure Controls

Provide appropriate exhaust ventilation and filtering at the places where dust can be generated.

Respiratory Protection - In case of prolonged exposure to dust wear a personal respirator in compliance with national legislation.

Wash hands before breaks and at the end of the workday.

Remove and wash soiled clothing.

8.2.2. Environmental Exposure Controls

No special requirement.

* * * Section 9 - Physical and Chemical Properties * * *

9.1. General information

Physical state: Solid

Colour:

Odour: None

pH Level N/A

Specific Gravity 2.8

Solubility Water Insoluble

9.2. Important health, safety and environmental information

Bulk density:

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Specific density: 2.8

Melting temperature: Unknown

Solubility in water: Insoluble

*** Section 10 - Stability and Reactivity ***

CONDITIONS TO AVOID

MATERIALS TO AVOID

HAZARDOUS DECOMPOSITION PRODUCTS

*** Section 11 - Toxicological Information ***

11.1. Acute effects

Silicosis may result from very high acute exposure to silica dusts

A: General Product Information

No information available for the product.

B: Component Analysis - LD50/LC50

Quartz (238-878-4)

Oral LD50 Rat 500 mg/kg

Skin irritation data

Not irritant to skin

Eye irritation data

Mild irritant to eyes

11.2. Chronic effects

Silicosis may result from chronic long term exposure to silica dust.

*** Section 12 - Ecological Information ***

Toxicity threshold is above hydrosolubility product.

Not persistent, not bioaccumulative.

*** Section 13 - Disposal Considerations ***

Waste from residues/unused products

Can be landfilled in compliance with local regulations. The material should be buried to prevent airborne respirable dust being emitted. Where possible, recycling should be preferred to disposal.

Packaging

No specific requirements. In all cases dust formation from residues in the packaging should be avoided and suitable worker protection be assured. Recycling and disposal of packaging should be carried out by a suitable waste management company.

*** Section 14 - Transportation Information ***

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No special precaution required under the regulation on transport of dangerous goods. Avoid dust spreading.

*** Section 15 - Regulatory Information ***

National legislation/requirements:

Substance Analysis - Inventory

Component/CAS	EC #	EEC	CAN	TSCA	AUST	PHIL	MITI	KOREA	CHINA
Talc 14807-96-6	238-877-9	EINECS	DSL	Yes	Yes	Yes	No	Yes	Yes
Chlorite-group minerals 1318-59-8	215-285-9	EINECS	No	No	No	Yes	No	Yes	Yes
Quartz 14808-60-7	238-878-4	EINECS	DSL	Yes	Yes	Yes	Yes	Yes	Yes

*** Section 16 - Other Information ***

Social Dialogue on Respirable Crystalline Silica

A multi-sectoral social dialogue agreement on *Workers Health Protection through the Good Handling and Use of Crystalline Silica and Products Containing it* was signed on 25 April 2006. This autonomous agreement, which receives the European Commission's financial support, is based on a Good Practices Guide. The requirements of the Agreement came into force on 25 October 2006. The Agreement was published in the Official Journal of the European Union (2006/C 279/02). The text of the Agreement and its annexes, including the Good Practices Guide, are available from <http://www.nepsi.eu> and provide useful information and guidance for the handling of products containing respirable crystalline silica.

Key/Legend

TSCA = U.S. Toxic Substance Control Act; DSL = Canadian Domestic Substances List; NDSL = Canadian Non Domestic Substances List; EINECS = European Inventory of Existing Commercial Chemical Substances; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer

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