Material Safety Data Sheet

MATERIAL NAME: TALC ID: C-MS-AT-2042STDTALC

Section 1 – Product Identity

Product: Glove Talc, Catalog Number CPGT-6SB
Chemical name: Magnesium Silicate Hydrate
CAS No.: 14807-96-6
Manufacturer: Cementex Products, Inc.
650 Jacksonville Road
Burlington, NJ 08016
800-654-1292 Fax: 609-386-8885
Emergency Contact: CHEMTREC 800-424-9300
www.cementexusa.com

Section 2 – Composition

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

Component Related Regulatory Information

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

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 exposure may cause Talcosis, a pulmonary fibrosis, which in turn may lead to severe and permanent damage to 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 which found significant 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.

Magnesium Silicate Hydrate (Talc) is not listed with NTP, IARC or OSHA as a known or suspected carcinogen.

HMIS Ratings: Health: 1* **Fire:** 0 **Reactivity:** 0 **Personal Protection:** E
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.
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
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 prolong 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.

B: Component Exposure Limits

Talc (14807-96-6)

ACGIH: 2 mg/m3 TWA (respirable fraction, particulate matter containing no asbestos and <1% crystalline silica)
OSHA: 2 mg/m3 TWA (respirable dust, less than 1% crystalline silica)
NIOSH: 2 mg/m3 TWA (respirable dust, containing no asbestos and less than 1% quartz)

Quartz (14808-60-7)

ACGIH: 0.025 mg/m3 TWA (repsirable fraction)
OSHA: 0.1 mg/m3 TWA (respirable dust)
NIOSH: 0.05 mg/m3 TWA (respirable dust)

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 and Chemical Properties

Appearance:	White Powder	**Odor:**	None
Physical State:	Solid	**pH:**	N/A
Vapor Pressure:	N/A	**Vapor Density:**	N/A
Boiling Point:	N/A	**Melting Point:**	Unknown
Solubility (H20):	Insoluble	**Specific Gravity:**	2.8

Section 10 – Stability and Reactivity

Chemical Stability

Stable under normal conditions

Chemical Stability: Conditions to Avoid

None.

Incompatability

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
Quartz (14808-60-7)
Oral LD50 Rat: 500 mg/kg

Carinogenicity
A: General Product Information
Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.
B: Component Carcinogenicity
Talc (14807-96-6)
ACGIH: A4- Not Classifiable as a Human Carcinogen (containing no asbestos fibers); A1 – Confirmed Human Carcinogen (containing asbestos fibers)
IARC: Monograph 93 posted (inhaled), Supplement 7 [1987], Monograph 42 [1987] (group 3 (not classifiable))

Quartz (14808-60-7)
ACGIH: A2 – Suspected Human Carcinogen
NIOSH: potential occupational carcinogen
NTP: Known Carcinogen (Select Carcinogen)
IARC: Monograph 68 [1997] (listed under Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources) (Group 1 (carcinogenic to humans))

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
Talc (14807-96-6)
96 Hr LC50 Brachydanio rerio: >100 g/L [semi-static]

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

Section 13 – Disposal Considerations

US EPA Waste Number and 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

US TSCA and Canadian DSL – All naturally occurring components (e.g., chlorite-group minerals) of this product are automatically included in the USEPA TSCA Inventory per 40 CFR 710.4 (b) as well as the Canadian Domestic Substances List. All other components are specifically listed on the USEPA TSCA Inventory List and the Canadian Domestic Substances List.

FSA – 1. Generally acceptable for use in vanilla-vanillan powder under food standards 21 CFR 169.179 and 169.182. 2. Generally Recognized as Safe as an anticaking agent in table salt up to 2% (21 CFR 182.2437). 3. Generally approved for use as a pigment or colorant under 21 CFR 175.300, 175.380, 175.390, 176.170, 177.1210, 177.1350 and 177.1460. 4. Generally approved for use as a colorant in polymers (21 CFR 178.3297). Generally approved for use as a colorant only as components of paper and paperboard in contact with aqueous fatty foods (21 CFR 176.170).

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 335 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4).

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

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	FL	MA	MN	NJ	PA	MI
Talc	14807-96-6	Yes	No	Yes	Yes	Yes	Yes	No
Quartz	14808-60-7	No	No	Yes	Yes	Yes	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

Other Regulations

A: General Product Information

Canadian WHMIS Classification: Class D, Division 2, Subdivision A

B: Component Analysis

Component	CAS	TSCA	DSL	NDSL	EINECS	AUST	PHIL	MITI	KOREA	ELINCS	CHINA
Talc	14807-96-6	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes
Chlorite-group minerals	1318-59-8	No	No	No	Yes	No	Yes	No	Yes	No	Yes
Quartz	14808-60-7	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes

Section 16 – Other Information