

Safety Data Sheet

MATERIAL NAME: TALC

ID: C-MS-AT-2042STD TALC

SECTION 1 – Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product form	: Mixture
Product name	: TALC
Product code	: C-MS-AT-2042STD TALC
Other means of identification	: CPGT-6SB, CPGT-12CB, CPGT-1QC, CPGT-4QC, CPGT-1GC, CPGT-5GC, CPGT-5GP.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture	: Mineral Additive
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1.3. Details of the supplier of the safety data sheet

Manufacturer: Cementex Products, Inc.
650 Jacksonville Road
Burlington, NJ 08016
800-654-1292 Fax: 609-386-8885
www.cementexusa.com
info@cementexusa.com

1.4. Emergency telephone number

Emergency contact	: 3E Global Emergency Response Services +1-760-476-3062 - Access Code: 333336
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SECTION 2 – Hazards Identification

2.1. Classification of the substance or mixture

Classification (GHS-US)
Carc. 1A H350

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2.2. Label Elements

GHS-US Labeling
Hazard Pictograms (GHS-US)



Signal Word (GHS-US) : Danger
Hazard Statements (GHS-US) : H350- May cause cancer (Inhalation)
Precautionary Statements (GHS-US) : P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe dust
P280 - Wear protective gloves, protective clothing, eye protection, face protection
P308+P313 - If exposed or concerned: Get medical advice/attention
P405 - Store locked up

2.3. Other Hazards

Other hazards not contributing to the Classification : Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

2.4. Unknown Acute Toxicity (GHS-US)

Not applicable

SECTION 3 – Composition/Information On Ingredients

3.1. Substance

Not applicable

3.2. Mixture

CAS #	Component	Percent (wt/wt)	Classification (GHS-US)
14807-96-6	Talc	60-100	Not Classified
1318-59-8	Chlorite-group minerals	1-5	Not Classified
14808-60-7	Quartz (Fine Fraction)	0.1-1.0	Carc. 1A, H350 STOT SE 3, H335 STOT SE 1, H370

SECTION 4 – First Aid Measures

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4.1. Description of First Aid Measures

First-aid measure general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measure after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If symptoms develop, obtain medical attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms develop, obtain medical attention.
First-aid measures after ingestion	: Rinse mouth. DO NOT induce vomiting. Give 100-200 ml of water to drink. If symptoms develop, obtain medical attention.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/injuries after inhalation	: May cause irritation to the respiratory tract.
Symptoms /injuries after skin contact	: Repeated and/or prolonged skin contact may cause irritation.
Symptoms/injuries after eye contact	: May cause eye irritation.

4.3. Indication of Any Immediate Medical Attention And Special Treatment Needed

If exposed or concerned. Get medical advice/attention. If you feel unwell, seek medical advice Show the label where possible). Ensure that medical personnel are aware of the material involved and take precautions to protect against.

SECTION 5 – Firefighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:	Use extinguishing media appropriate for surrounding fire. Water fog, Foam, Dry chemical powder, Carbon Dioxide (CO ₂)
Unsuitable extinguishing media:	Water Jet.

5.2. Special Hazards Arising From The Substance Or Mixture

Fire hazard	: None known.
Reactivity	: Stable under normal conditions.

5.3. Advice For Firefighters

Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
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SECTION 6 – Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

6.1.1. For non-emergency personnel

Protective equipment

: Use personal protective equipment as required.

Emergency procedures

: Evacuate unnecessary personnel. Avoid dust formation. Avoid contact with skin and eyes. Do not breathe dust.

6.1.2. For Emergency Responders

Protective equipment

: Wear suitable protective clothing, gloves and eye or face protection. Where excessive dust may result, wear approved mask.

Emergency procedures

: Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin and eyes. Do not breathe dust. Wear independent breathing equipment.

6.2. Environmental Precautions

Notify authorities if large amounts of the product enters sewers or public waters.

6.3. Methods And Material For Containment And Cleaning Up

Methods for cleaning up

: Collect using vacuum cleaner fitted with HEPA filter. Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust. Do not dry sweep dust. Store away from other materials.

6.4. Reference To Other Sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

SECTION 7-Handling And Storage

7.1. Precautions For Safe Handling

Precautions for safe handling

: Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe dust.

7.2. Conditions For Safe Storage, Including Any Incompatibilities

Storage conditions

: Keep container closed when not in use.

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7.3. Specific End Use(s)

No additional information available

SECTION 8-Exposure Controls/Personal Protection

8.1. Controls Parameters

TALC (14807-96-6)		
USA ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	2 mg/m ³ Respirable Fraction
USA OSHA	Remark (OSHA)	(3) See Table Z-3

Quartz (Fine Fraction) (14808-60-7)		
USA ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ Respirable Fraction
USA OSHA	OSHA PEL(TWA) (mg/m ³)	0.1mg/m ³
USA OSHA	Remark (OSHA)	(3) See Table Z-3

8.2. Exposure Controls

Appropriate engineering controls	: Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded. Provide appropriate exhaust ventilation at places where dust is formed.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear chemically resistant protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Use chemical protective clothing.
Respiratory protection	: Dusk mask or respirator.
Thermal hazard protection	: Not required for normal conditions of use.
Environmental exposure controls	: Avoid release to the environment.
Other information	: Do not eat, drink or smoke during use.

SECTION 9 – Physical and Chemical Properties

9.1. Information On Basic Physical And Chemical Properties

Physical State	: Solid
Appearance	: White Powder
Color	: White
Odor	: None
Order threshold	: No data available
pH	: No data available
Melting point	: No data available

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Freezing point

: No data available

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Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 2.8
Solubility	: Insoluble
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Water	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: Not oxidizing

9.2. Other Information

No additional information available.

SECTION 10 – Stability And Reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical Stability

Stable under normal conditions.

10.3. Possibility Of Hazardous Reactions

None known.

10.4. Conditions To Avoid

Dust formation.

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10.5. Incompatible Materials

None.

10.6. Hazardous Decomposition Product

None known.

SECTION 11-Toxicological Information

11.1. Information On Toxicological Effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer (Inhalation)

TALC (14807-96-6)

IARC group	Inhaled talc not containing asbestos or asbestiform fibers: 3 – Not classifiable Talc-based body powder for perineal dusting: 2B- Possibly carcinogenic to humans
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QUARTZ (fine fraction) (14808-60-7)

IARC group	1-Carcinogenic to humans
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Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: May cause irritation to the respiratory tract.
Symptoms/injuries after skin contact	: Repeated and/or prolonged skin contact may cause irritation.
Symptoms/injuries after eye contact	: May cause eye irritation.
Other information	: IARC: In 2006, IARC concluded that inhaled talc not containing asbestos or asbestiform fibers is not classifiable as a human carcinogen (Group 3). IARC concluded that there is limited evidence that the use of talc-based body powder for perineal dusting is a possible risk factor for ovaria cancer (Group 2B). This is not a route of exposure relevant to workers and applies only to one specific use of talc. NTP: In 2000, NTP reviewed both “talc containing asbestiform fibers” and “talc not containing asbestiform fibers,” and did not list either type in light of continuing uncertainty in the scientific literature. The NTP did not consider the ovarian cancer studies in the evaluation of talc not containing asbestiform fibers because it was unclear if the

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talc used in these studies might have been contaminated with asbestos. 66 Fed. Reg. 12, 224 (Mar. 5, 2001).
U.S. FDA: In 2009 – 2010, U.S. FDA conducted a survey of currently marketed cosmetic products containing talc- as well as the talc in the cosmetic products, and found no asbestos fibers or structures. FDA continues to monitor new information concerning talc safety. There are epidemiology studies on this subject in the reported literature that should be consulted for further information.

SECTION 12-Ecological Information

12.1. Toxicity

Ecology- general

: Not classified

TALC (14807-96-6)	
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LC50 fish	> 100 g/l Brachydanio rerio
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12.2. Persistence And Degradability

TALC	
Persistence and degradability	Not relevant for inorganic substances

12.3. Bioaccumulative potential

TALC	
Bioaccumulative potential	Not relevant for inorganic substances

12.4. Mobility In Soil

TALC	
Ecology- soil	No information available

12.5. Other Adverse Effects

Effect on the global warming : No known ecological damage caused by this product.
GWPmix : No additional information available.

SECTION 13 – Disposal Considerations

13.1. Waste Treatment Methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulation

SECTION 14 – Transport Information

In accordance with DOT
Not regulated
Other information : No supplementary information available.

TDG
Not regulated

Transport by sea
Not regulated

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Air transport
Not regulated

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SECTION 15 – Regulatory Information

15.1. US Federal Regulations

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Talc (14807-96-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Quartz (fine fraction) (14808-60-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International Regulations

CANADA

TALC

WHMIS Classification	Class D Division 2 Subdivision A-Very toxic material causing other toxic effects
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EU Regulations

No additional information available.

15.2.2 National Regulations

TALC

All naturally occurring components of this product are automatically included in the USEPA TSCA inventory list per 4-CFR 710.4 (b). All other components are on the USEPA TSCA inventory list.

Generally acceptable for use in vanilla powder and vanilla-vanilla powder under food standards 21 CFR 169.179 and 169.182. Generally approved for use as a colorant only as components of paper and paperboard in contact with aqueous fatty foods (21 CFR 176.170). Generally Recognized As Safe as an anti-caking agent in table salt up to 2% (21 CFR 182.2437). Generally approved for use as a pigment or colorant in the manufacture of articles which come into contact with food, under the following citations: 21 CFR 174.5 (d), 175.105, 175.125, 175.300 (b) (3) (xxvi), 175.320, 175.380, 175.390, 176.170 (b) (2), 176.180 (b) (1), 176.200, 177.1210, 177.1350, 177.1460, 177.2600 (c) (1), 182.70, 182.90. Generally approved for use in olefin polymers used in the manufacture of articles which come in contact with foods under 21 CFR 177.1520.

Talc (14807-96-6)

Listed on IARC (International Agency for Research on Cancer)

Quartz (fine fraction) (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

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15.3. US State Regulations

California Proposition 65- This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

QUARTZ (fine fraction) (14808-60-7)				
U.S.-California Proposition 65- Carcinogens List	U.S.-California Proposition 65 Development Toxicity	U.S.- California Proposition 65 Reproductive Toxicity- Female	U.S.-California Proposition 65 Reproductive Toxicity- Male	NO significance Risk level (NSRL)
YES				

TALC (14807-96-6)
U.S.- New Jersey-Right to Know Hazardous Substance List U.S.- Pennsylvania-RTK(Right to Know)List U.S.- Massachusetts-Right to Know List

QUARTZ (fine fraction) (14808-60-7)
U.S.- New Jersey- Right to Know Hazardous Substance List U.S.- Massachusetts- Right to Know List U.S.-Pennsylvania- RTK (Right to Know) List

SECTION 16 – Other Information

Revision date : 05/09/2025
Data sources : US OSHA HazCom (GHS) 25 May 2012

Full text of H-phrases: see section 16

H335	May cause respiratory irritation
H350	May cause cancer
H370	Causes damage to organs



NFPA Rating

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NFPA health hazard	: 1- Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard	: 0- Materials that will not burn.
NFPA reactivity	: 0- Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 1 Slight Hazard- Irritation or minor reversible injury possible, *Chronic Hazard- Chronic (long-term) health effects may result from repeated overexposure.
Flammability	: 0 Minimal Hazard – materials will not burn
Physical	: 0 Minimal Hazard – Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Personal Protection	: E : E – safety glasses, Gloves, Dust respirator

SDS US (GHS HazCom 2012)

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