



**SECTION 6 – HEALTH EFFECTS AND FIRST AID****→ INHALATION**

**ACUTE EXPOSURE:** Exposure to a large concentration of air-borne dust of this material may cause mechanical irritation of the mucous membranes and respiratory tract.

**CHRONIC EXPOSURE:** Repeated or prolonged inhalation of air-borne dust of this material may cause scarring of the lungs (pulmonary fibrosis), with shortness of breath, chronic cough, and respiratory assisted heart failure. Prolonged exposure to talc can produce a symptomatic talc pneumoconiosis.

**FIRST AID:** Remove from exposure area to fresh air. If breathing has stopped, perform artificial respiration and get medical attention immediately. Keep person warm and at rest. Treat symptomatically and supportively.

**→ SKIN CONTACT**

**ACUTE EXPOSURE:** Direct contact may cause dryness, or may cause mild irritation if an allergic predisposition exists.

**CHRONIC EXPOSURE:** Prolonged contact may cause dryness of the skin, or may cause mild irritation if an allergic pre-disposition exists.

**FIRST AID:** Apply common skin moisturizers to relieve dryness. Irritations are uncommon; however, if irritation or redness develops, seek medical attention. Broken skin can be cleansed with mild soap and water.

**→ EYE CONTACT**

**ACUTE EXPOSURE:** Direct contact with dust may cause mechanical irritation of the eyes.

**CHRONIC EXPOSURE:** Repeated exposure may cause conjunctivae inflammation.

**FIRST AID:** Wash eyes with large amounts of water or normal saline solution. If irritation or redness develops, seek medical attention.

**→ INGESTION**

**ACUTE EXPOSURE:** This material is considered to be harmless and inert when ingested.

**CHRONIC EXPOSURE:** Repeated ingestion of large doses of talc for 13 and 10 successive days by rabbits and mice, revealed negative teratogenic and carcinogenic results.

**FIRST AID:** Treat symptomatically and supportively. If vomiting occurs, keep head lower than hips to prevent aspiration.

**SECTION 7 – PHYSICAL DATA****TALC**

**DESCRIPTION:** A natural mineral; grayish-white powder with a slight earthy odor. **pH:** Slightly basic

**DECOMPOSITION TEMPERATURE:** 1100°-1800°F (600°-1000°C)

**SPECIFIC GRAVITY (water=1.0):** 2.7-2.8

**SOLUBILITY in WATER:** Insoluble

**SECTION 8 – STORAGE, DISPOSAL & ENVIRONMENTAL**

**STORAGE:** Preserve in sealed containers to prevent dispersion of dust in air.

**WASTE DISPOSAL:** Dry material can be land-filled. Observe all federal, state and local regulations. Responsibility for proper waste disposal is with the owner of the waste.

**CONDITIONS TO AVOID:** Prevent dispersion of dust in air.

**ACCIDENTAL SPILLS:** For large spills, shovel or sweep up (while keeping dispersion of dust in air to a minimum) and place into suitable sealed containers for reclamation or later disposal. Residue should be cleaned up using a high-efficiency particulate filter vacuum. The use of water wash-down is not recommended. Wet material can cause a surface used for walking to become extremely slippery.

**MATERIAL SAFETY DATA SHEET**

**SECTION 313 SUPPLIER NOTIFICATION:** This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

**RCRA:** Talc is not considered a hazardous waste by RCRA criteria (40 CFR 261). State and Local regulations/restrictions are complex and may differ from Federal regulations.

**SECTION 9 – PROTECTIVE EQUIPMENT**

**VENTILATION:** Provide local exhaust or process enclosure ventilation to meet published exposure limits.

**RESPIRATOR:** The following maximum-use concentrations and respirators are recommendations by the U.S. Department of Health and Human Services; NIOSH Pocket Guide to Chemical Hazards; or by the U.S. Department of Labor, 29 CFR 1910 subpart Z.

<u>Talc - Maximum-Use Concentration</u>	<u>Respirator</u>
10 mg/m <sup>3</sup> .....	Any dust and mist respirator.
20 mg/m <sup>3</sup> .....	Any dust and mist respirator except single-use and quarter-mask respirators.

**GLOVES:** Protective gloves are not required, but may be worn to prevent skin dryness or irritation due to skin allergy.

**EYE PROTECTION:** Employees should wear dust-resistant safety goggles to prevent eye contact with high concentrations of air-born dust of this substance. Where there is a possibility that an employee's eyes may be exposed to bulk quantities or high concentrations of air-born dust of this substance, the employer should provide an eye wash fountain within the immediate work area for emergency use.

**SECTION 10 – ADDITIONAL INFORMATION**

**NPCA:** National Paint and Coatings Association – Hazardous Material Identification System (HMIS)

- HEALTH HAZARD: 1\*- slight
- FLAMMABILITY HAZARD: 0 – minimal
- REACTIVITY HAZARD: 0 – minimal
- PERSONAL PROTECTION: E – glasses, gloves, dust respirator

**CERCLA RATINGS:** (Scale 0-3) Health = 0, Fire = 0, Reactivity = 0, Persistence = 3

**NFPA RATINGS:** (Scale 0-4) Health = 0, Fire = 0, Reactivity = 0

**U.S. DEPARTMENT OF TRANSPORTATION - DOT:** No classification assigned

**CANADIAN TRANSPORTATION OF DANGEROUS GOODS:** No classification assigned

**LAND TRANSPORT - ADR/RID:** No classification assigned

**AIR TRANSPORT - IATA/ICAO:** No classification assigned

**MARITIME TRANSPORT - IMDG:** No classifications assigned

**HARMONIZED TARIFF CODE:** Talc - crushed or powdered. 2526.20.00. (Stat. Suffix 00)

**EPA TSCA STATUS:** Listed (CAS # 14807-96-6)

**EPA TSCA 12(B) EXPORT NOTIFICATION:** Not listed

**CEPA DOMESTIC SUBSTANCE LIST - DSL STATUS:** Listed

**CEPA NON-DOMESTIC SUBSTANCE LIST – NDSL STATUS:** Not listed

**CANADIAN WHMIS CLASSIFICATION:** D2b – Chronic Inhalation Hazard

**OTHER INVENTORIES:**

- AICS (Australian)
- EINECS (European No: 238-877-9)
- ECL (Korean No: KE-32773)
- SWISS (Giftliste No: G-6939)
- PICCS (Philippines)
- MITI (Japan) – Not listed – (not required for natural minerals)

**CALIFORNIA PROP 65 STATUS:** Talc not listed

**STATE RIGHT-TO-KNOW:** Talc listed – Illinois; Massachusetts; New Jersey; Pennsylvania; Florida

**MATERIAL SAFETY DATA SHEET**

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Group 2

**CLEAN AIR ACT - OZONE DEPLETING CHEMICALS (ODC's):** None**CONEG APPROVED PACKAGING:** Yes

**U.S. FDA CITATIONS:** 21CFR 182.90  
21CFR 182.70  
21CFR 178.3297  
21CFR 175.300  
21CFR 175.380  
21CFR 175.390  
21CFR 176.170  
21CFR 177.1210  
21CFR 177.1350  
21CFR 177.1460  
21CFR 73.1550

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**END OF MSDS GROUP 2**

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