

MATERIAL SAFETY DATA SHEET

Product/Material Talc *PIONEER*
Manufacturer/Distributor Whittaker, Clark & Daniels, Inc.
Address 1000 Coolidge Street
South Plainfield, NJ 07080
Emergency Telephone No. (201) 561-6100

Section I - Product Identification

Trade Name Talc
Synonym Soapstone
Chemical Family Magnesium Silicate Hydrate
Formula $3\text{MgO} \cdot 4\text{SiO}_2 \cdot \text{H}_2\text{O}$
CAS Number 14807-96-6
HMIS Health 0
Flammability 0
Reactivity 0

Section II - Hazardous Ingredients

Talc (non-asbestiform)

Section III - Physical Data

Boiling Point (°F) Not Applicable
Vapor Pressure (mmHg) Not Applicable
Vapor Density Not Applicable
Solubility in Water Insoluble
Specific Gravity 2.5 - 2.8
Percent Volatile by Weight 0
Evaporation Rate 0
Appearance and Odor White to off-white powder,
Odorless.

Section IV - Fire and Explosion Hazard Data

Flash Point	Non-flammable
Flammable Limits	LEL - Non-flammable UEL - Non-flammable
Extinguishing Media	Water
Special Fire Fighting Procedures	None
Unusual Fire and Explosion Hazards	None

Section V - Health Hazard Data

Threshold Limit Values (TWA - 8 hour period)	20mppcf (OSHA PEL) 2mg/M3, respirable dust (ACGIH)
Effects of Overexposure	Acute Health Effects - May cause mechanical irritation to eyes and respiratory tract. Chronic Health Effects - Repeated exposure to high amounts of talc can cause scarring of the lungs. This takes years to develop and can lead to an abnormal chest X-ray, shortness of breath, cough, and possible disability or death.
Carcinogenicity	Not listed with NTP, IARC, or OSHA as a known or suspected carcinogen.
Emergency and First Aid	Wash dust from skin with soap and water. Flush out eyes with generous amounts of water for at least 15 minutes. See a physician if irritation persists.
Medical Conditions Aggravated by Exposure	Persons suffering from chronic respiratory diseases may be at increased risk.

Section VI - Reactivity Data

	Product is stable.
Incompatibility	None
Hazardous Decomposition Products	None Hazardous polymerization will not occur.

Section VII - Spill or Leak Procedures

Steps to take in case material is released or spilled	Normal cleanup procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended. Do not flush to sewer.
Waste Disposal Method	Disposal must be made in accordance with federal, state and local regulations.

Section VIII - Special Protection Information

Eye Protection (use most appropriate)	Safety glasses, goggles, face shield
Skin Protection	Leather or rubber gloves.
Respiratory Protection	Use of a NIOSH approved dust respirator is recommended when exposure limits may be exceeded.
Ventilation	Local exhaust ventilation to collector or containment recommended to control dust to below exposure limits.

Section IX - Special Precautions

Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

Issued: 04/87
Supersedes: 10/86