

MATERIAL SAFETY DATA SHEET

Talcum

SECTION 1 . Product and Company Identification

Product Name and Synonym: Talcum
Product Code: T1501
Material Uses:
Manufacturer: Science Stuff
1104 Newport Ave
Austin, TX 78753
(512) 837-6020
Entry Date : 7/1/2013
Print Date: 7/1/2013
24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	0
Flammability:	0
Reactivity:	0

Hazard Rating:
Least Slight Moderate High Extreme
0 1 2 3 4

NA=Not Applicable NE=Not Established

SECTION 2 HAZARD IDENTIFICATION

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Talcum	CAS# 14807-96-6	100 %	W/W	OSHA TWA 0.1 mg/m ³ (respirable dust)

SECTION 4 FIRST AID MEASURES

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards: None Known.
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Talcum

Wear protective clothing and respiratory protection from dust.
Sweep up and place in container for disposal.

SECTION 7 HANDLING AND STORAGE

Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator during dust problem

Ventilation

Local Exhaust

Mechanical

Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl

Eye Protection: Safety Glasses w/
Side Shields

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Exposure Limits:

TWA: 2 (mg/m³) from ACGIH (TLV) [United States] Respirable. TWA: 2 (mg/m³) from OSHA (PEL) [United States]

Respirable. TWA: 2 (mg/m³) from NIOSH [United States] Respirable. TWA: 1 (mg/m³) [United Kingdom (UK)]

Respirable. Consult local authorities for acceptable exposure limits.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	800°C	Percent Volatile by Volume:	Information not available
Boiling Point:	Information not available	Evaporation Rate	Information not available
Vapor Pressure:	Information not available	Evaporation Standard	NA
Vapor Density:	5.7	Auto Ignition Temp	Information not available
Solubility in Water:	negligible	Lower Flamm. Limit in Air	Information not available
Appearance /Odors:	earthy odor, white powder	Upper Flamm. Limit in Air	Information not available
Flash Point:	non-flammable		
Specific Gravity:	2.5 - 2.8		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Excess heat, dust generation, incompatible materials

Talcum

Materials to Avoid: None known
Hazardous Decomposition Products: None known.
Hazardous polymerization: Will Not Occur
Conditions to Avoid: None known

SECTION 11 Toxicological Information

Routes of Entry: Inhalation. Ingestion.
Toxicity to Animals:
LD50: Not available. LC50: Not available.
Chronic Effects on Humans:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC.
May cause damage to the following organs: lungs.
Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: May cause cancer based on animal data. No human data found at this time.
Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: May cause mild skin irritation. Do not get onto broken skin. It will contaminate the wound and can cause a severe granulomatous reaction. Eyes: May cause mechanical eye irritation.
Inhalation: May cause respiratory tract irritation. Symptoms may include coughing, labored breathing, sneezing, cyanosis, and vomiting. It may produce permanent effects in the lungs. Ingestion: Low hazard expected for normal industrial use. Ingestion of large amounts may cause gastrointestinal irritation. Chronic Potential Health Effects: Inhalation: Prolonged or repeated exposure by inhalation may cause Talc pneumoconiosis (Talcosis) which affects the lungs.

SECTION 12 Ecological Information

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation: Not available.

SECTION 13 Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 Transport Information

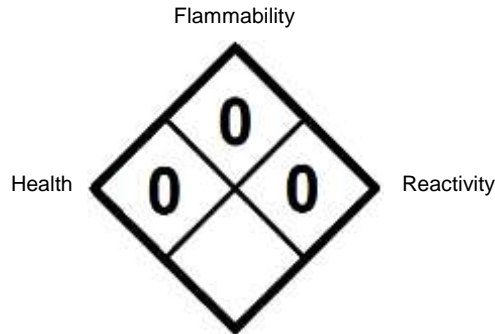
DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

Federal and State Regulations:
Illinois toxic substances disclosure to employee act: Talc Rhode Island RTK hazardous substances: Talc Pennsylvania RTK:
Talc Minnesota: Talc Massachusetts RTK: Talc TSCA 8(b) inventory: Talc
Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.
Other Classifications:
WHMIS (Canada): Not controlled under WHMIS (Canada).
DSCL (EEC):

This product is not classified according to the EU regulations. Not applicable.

SECTION 16**Additional Information****Revisions**

1/2/2013	0	Creation date 12/31/12 LS
1/2/2013	0.1	Revise to 16 sections LS

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