

IDENTITY: Sand, White

Section I – Manufacturer Information

Sandtastik
P.O. Box 1621
Niagara Falls, N.Y. 14302

Telephone Number for Information:
(716) 833-0600
Date Prepared: November 29, 2004

Emergency Telephone: (800) 424-9300 (Chemtrec)

Section II – Hazard Ingredients/Identity Information

Chemical Family: Inorganic Feldspathic Mineral. Composed of $\text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 6\text{SiO}_2$, $\text{K}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 6\text{SiO}_2$, $(\text{NaK})_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2$.

Used in the manufacture of container and sheet glass, fibre glass, insulation wool, ceramic products, paint, plastic, rubber and scouring powder. Also used as filtration media in foundries and for sandblasting.

Contains no free Silica or Quartz. Approximate concentration of SiO_2 is 0%. No known LD50 or LC50.

Section III – Physical/Chemical Characteristics

Boiling Point: 1500°C

Specific Gravity: 2.61

Vapor Pressure:

Melting Point:

Vapor Density:

Evaporation Rate:

Solubility in Water: Negligible

Appearance and Odor: Odorless, white granular or powder.

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used):

Flammable Limits:

LEL:

UEL:

Extinguishing Media:

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards:

Section V – Reactivity Data

Stable or Unstable? Stable

Conditions to Avoid: None

Incompatibility (Materials to Avoid): None

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization May Occur or Will Not Occur? Will Not Occur

Conditions to Avoid: None

Section VI – Health Hazard Data

Routes of Entry

Inhalation: Prolonged or repeated exposures to dusty conditions may result in a lung disorder.

Ingestion: Possible discomforts due to intentional ingestion of abnormal amounts.

Skin: No

Eye: May be irritating due to scratching.

Carcinogenicity:

NTP:

IARC Monographs:

OSHA Regulated:

Health Hazards:

Signs and Symptoms of Exposure: Acute exposure may result in dryness of the nose and throat.

Prolonged or repeated exposure to dusty conditions may cause a debilitating lung disorder.

Exposure limits: T.L.V./T.W.A. – 5.0 mg/m³ respirable dust. (A.C.G.I.H. limits – Nuisance dust.)

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedure:

Inhalation: Remove victim to fresh air.

Ingestion: Obtain medical attention, if necessary.

Skin: Wash with soap and water.

Eyes: Flush thoroughly with water. Obtain medical attention if irritation persists.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Clean up in a manner to control dusting. Re-use uncontaminated material.

Waste Disposal Method: Can be disposed in a suitable disposal site for non-hazardous wastes in accordance with applicable environmental regulatory requirements.

Precautions to be Taken in Handling and Storing: Handle and store in a manner to control a dusty condition.

Other Precautions: For uncontrolled dusty conditions, use an approved respirator recommended for nuisance dusts.

Section VIII – Control Measures

Respiratory Protection: For uncontrolled dusty conditions, use an approved respirator recommended for nuisance dusts.

Ventilation –

Local Exhaust: To control or reduce dust concentrations to within recommended T.L.V. (5.0 mg/m³)

Mechanical:

Special:

Other:

Protective Gloves: Optional

Eye Protection: Optional

Other Protective Clothing or Equipment:

Work/Hygiene Practices:

Section IX – Additional Information

The information provided in this Material Safety Data Sheet represents data from the manufacturer and/or vendor and is accurate to the best of our knowledge. By providing this information, Delta Education LLC makes no guarantee or warranty, expressed or implied, concerning the safe use, storage, handling, precautions, and/or disposal of the products covered or the accuracy of the information contained in this fact sheet. It is the responsibility of the user to comply with local, state, and federal laws and regulations concerning the safe use, storage, handling, precautions, and/or disposal of products covered in this fact sheet.