MATERIAL SAFETY DATA SHEET

Bentonite 325 Mesh

SECTION 1 . Product and Company Idenfication

Product Name and Synonym: Bentonite 325 Mesh

Product Code: B1320

Material Uses:

Manufacturer: Science Stuff

1104 Newport Ave

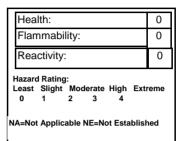
Austin, TX 78753

(512) 837-6020

Entry Date : 5/28/2013
Print Date: 5/28/2013

24 Hour Emergency Assistance : Chemtrec 800-424-9300

Canutec 613-996-6666



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 Comp. Dimension Exposure Limits

CAS Number Omp. Dimension OSHA TWA 10 mg/mf (total 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: Water spray, dry chemical, carbon

dioxide, alcohol foam, halon

Negligible fire hazard when exposed to heat or

Fire / Explosion Hazards:

flame

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing

to prevent contact with skin and clothing.

Bentonite 325 Mesh

SECTION 6 ACCIDENTAL RELEASE MEASURES

Wear Protective equipment. Sweep up, place in a bag and hold

for waste disposal.

SECTION 7 HANDLING AND STORAGE

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH approved dust mask

Ventilation

Local Exhaust 🗸

Mechanical

Protective Gloves: Wear appropriate gloves to prevent skin exposure

Eye Protection: Safety Glasses w/

Side Shields

Other Protective Equipment: Wear appropriate clothing to prevent

skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point: Information Percent Volatile by Volume: 0

not available

Boiling Point: Information Evaporation Rate not applicable

not available

Vapor Pressure: not applicable Evaporation Standard Not Applicable

Vapor Density: not applicable Auto Ignition Temp Not applicable
Solubility in Water: insoluble Lower Flamm. Limit in Air Not applicable

Upper Flamm. Limit in Air

Not applicable

Appearance /Odors: very fine

cream to gray powder.

Odorless.

Flash Point: 0

Specific Gravity: information

not available

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: heat, flames, and swells to 12times its volume

when added to water.

Materials to Avoid: molten lithium attacks silicates.

Hazardous Decomposition

Products:

acrid smoke and irritating fumes.

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

SECTION 11 Toxicological Information

Bentonite 325 Mesh

SECTION 12	Ecological Information	
SECTION 13	Disposal Considerations	
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	
SECTION 16	Additional Information	

DANGER!! The inhalation of this powder can be sufficent to stop breathing and causing DEATH! Effects of over exposure: Chest pain, coughing, wheezing, fatigue, pulmonary infection, pneumoconiosis. Acute: severe irritation of the upper respiratory tract, throat and deep chest pain. Chronic: respiratory infection, bronchitis, pulmonary tuberculosis, and death. Target organs: upper respiratory tract, and central nervous system. Conditions aggravated/target organs. Persons with pre-existing eye, skin or respiratory conditions may be more susceptible.

Flammability

Health Reactivity

Revisions	NFPA	
	0.1	

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