

# MATERIAL SAFETY DATA SHEET

Silica Gel 6-14 Mesh Grade 40

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Silica Gel 6-14 Mesh Grade 40

Product Code: S1417

Material Uses:

Manufacturer: Science Stuff  
1104 Newport Ave

Austin, TX 78753

(512) 837-6020

Entry Date : 6/18/2013

Print Date: 6/18/2013

24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	1
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"/>	Silica Gel 6-14 Mesh Grade 40	CAS# 1343-98-2	100%	W/W	TLV 6 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: 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

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Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

**SECTION 7 HANDLING AND STORAGE**

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices. Keep containers tightly closed.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: None required  
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:	1710 Deg C	Percent Volatile by Volume:	0
Boiling Point:	2230 Deg C	Evaporation Rate	N/A
Vapor Pressure:	N/A	Evaporation Standard	
Vapor Density:	N/A	Auto Ignition Temp	Not applicable
Solubility in Water:	Insoluble	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	Clear blue odorless crystals	Upper Flamm. Limit in Air	Not applicable
Flash Point:	Not flammable		
Specific Gravity:	2.2 - 2.6		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable  
Conditions to Avoid: Avoid contact with incompatible materials.  
Materials to Avoid: Fluoruides, Hydrochloric acid, strong oxidizers, vinyl acetate  
Hazardous Decomposition Products: Silicon Oxide  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

**SECTION 14 Transport Information**

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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**

Dust may cause irritation. Ingestions may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Inhalation: Dust is irritating to the respiratory tract. Low hazard for industrial use. Target organs: None. Chronic effects: None known.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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