

# MATERIAL SAFETY DATA SHEET

Guar Gum

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Guar Gum  
Product Code: G9008  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 6/5/2013  
Print Date: 6/5/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	0
Flammability:	1
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"/>	Guar Gum	CAS# 9000-30-0	100%	W/W	

## 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: Carbon Dioxide, dry chemical powder or appropriate foam  
Fire / Explosion Hazards: Emits toxic fumes under fire condition  
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

## Guar Gum

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

### SECTION 7 HANDLING AND STORAGE

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Avoid contact and inhalation.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator  
Ventilation  
Local Exhaust   
Mechanical   
Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl  
Eye Protection: Splash Goggles  
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	Information not available	Percent Volatile by Volume:	0
Boiling Point:	Information not available	Evaporation Rate	not applicable
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Not applicable
Solubility in Water:	information not available	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	beige powder	Upper Flamm. Limit in Air	Not applicable
Flash Point:	not flammable		
Specific Gravity:	not available		

### SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable  
Conditions to Avoid: Incompatibilities  
Materials to Avoid: Strong oxidizing agents  
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

### SECTION 11 Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact.  
Toxicity to Animals:  
LD50: [Rat] - Route: oral; Dose: > 90 ml/kg LC50: Not available.

Guar Gum

Chronic Effects on Humans: Not available.  
Other Toxic Effects on Humans:  
Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin.  
Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs.  
Non-corrosive to the eyes. Noncorrosive for lungs.  
Special Remarks on Toxicity to Animals: Not available. Special Remarks on Chronic Effects on Humans: Not available.  
Special Remarks on other Toxic Effects on Humans: Not available.

**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**

May be harmful by ingestion, inhalation or skin absorption. May cause eye and skin irritation. The chemical, physical and toxicological properties of this chemical have not been fully investigated. Handle using accepted laboratory practices to minimize exposure.

Flammability

Health

Reactivity

Revisions	NFPA
	0.1
9/21/2011	0

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