



### MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** WG-111D  
**REVISION DATE:** MARCH 17, 2010

**For Chemical Emergency (Spill Leak Fire Exposure or Accident )**  
**CALL CHEMTREC Day or Night 800-424-9300**  
**For International, Call 703-527-3887 (Collect Calls Accepted)**

**\*\* FOR INDUSTRIAL USE ONLY \*\***

#### Section I - Product Information

Chemical Name: GUAR GUM  
Formula: NA CAS Number: 9000-30-0  
DOT Hazard Class: Not Regulated  
Reportable Quantity: None

#### Section II – Composition, Information on Ingredients

Material	CAS #:	Percent
Guar Gum	9000-30-0	>80
Silica Amorphous	7631-86-9	0.1-0.5

#### Section III - Health Hazard Data

Signs & Systems of Overexposure in the Workplace  
Eyes: May cause irritation. Skin: May cause mild irritation.  
Inhalation: Inhaling dust may cause respiratory irritation. Ingestion: None Known.  
MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:  
None Known  
PRIMARY ROUTE OF ENTRY: Following standard industrial hygiene and recommended procedures, entry of the compound into the body is not expected.  
CANCER INFORMATION: Not listed as a carcinogen by NTP (National Toxicology Program); not regulated as a carcinogen by OSHA (Occupational Safety & Health Administration); not evaluated by IARC (International Agency for Research on Cancer).  
Toxic Data  
Eye contact: A PRIMARY ROUTE OF ENTRY, no data is available  
Skin Contact: A PRIMARY ROUTE OF ENTRY, no data available  
Inhalation: No data is available  
Ingestion: No data is available  
Special Precautions: Individuals with skin or respiratory diseases should not be exposed to this product unless properly protected.

#### Section IV- First Aid Measures

Threshold Limit Value (TLV) for Product: None Established.  
Does product contain any OSHA, NTP or IARC Carcinogens? No

**Economy**  
**Polymers & Chemicals**

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### First Aid

Eyes: Flush thoroughly with running water at least 15 minutes. Get medical attention if irritation persists.

Skin: Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

Inhalation: In case of exposure to a high concentration of dust, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention. Ingestion: If appreciable quantities are swallowed, seek medical attention.

Nature of Hazard (Physiological Effects)

**WARNING: MAY CAUSE EYE IRRITATION. BREATHING DUST MAY CAUSE RESPIRATORY IRRITATION**

### Section V - Fire & Explosion Hazard Data

Flash Point (Closed Cup): >300 Degrees F

Flammable Limits: No data is available

Extinguishing Media: Water spray, Foam, CO<sub>2</sub>, Dry Chemical

Special Fire Fighting Procedures: Wear a self contained breathing apparatus to avoid toxic fumes. Slippery when wet.

Fire & Explosion Hazards: Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat. Cool drums exposed to flames with a water spray.

\*Additional information will be provided in a medical emergency to qualified medical personnel.

### Section VI – Accidental Release Measures

Evacuation Procedures and Safety: CAUTION: Spilled material may become slippery when wet. Do not leave traces of product on floors, ladders, etc., as this may present a slipping hazard. Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

Containment of Spill: Follow procedure described below under Cleanup and Disposal of Spill

Cleanup and Disposal of Spill: Dry Material: Sweep up and place in an appropriate closed container (see Section 7: Handling and Storage). Wet Material: Absorb with an inert absorbent. Shovel up into an appropriate closed container (see Section 7: Handling and Storage).

Environmental and Regulatory Reporting: Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

### Section VII – Handling & Storage

Handling: Avoid breathing dusts

Storage: Store in closed containers. Store in an area that is dry.

### Section VIII - Special Protection Information

Air Exposure Recommendations

Normal Use	Gas, Fumes, Mists	Special Thermal
General Ventilation	Exceeds TLV	Spray Application
2 *	General Ventilation	General Ventilation
	2*	2 *

\*Respiratory protection codes:

1. None Needed

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2. Particle-removing, air purifier. Store in dry place. Keep container closed to avoid moisture pickup. Material slippery when wet.

### Section IX - Physical Data

Boiling Point:	>6000F	pH (1% Solution):	6.0-8.0
Vapor Pressure (mmHg):	NA	Vapor Density (air = 1):	>10
Water Solubility:	Forms gel	Specific gravity:	1.30
Evaporation Rate (ether = 1):	>1	Vapor Pressure:	<0.1

### Section X - Reactivity Data

Stability: Stable    Hazardous Polymerization: Will not occur  
Conditions to avoid: Fire, excessive heat  
Incompatibility (Materials to Avoid): Strong oxidizers, Liquid Acids  
Hazardous Decomposition Products: Fumes produced when heated to decomposition may include: oxides of carbon.

### Section XI – Toxicological Data

Acute Eye Irritation: No test data found for product  
Acute Skin Irritation: No test data found for product  
Acute Dermal Toxicity: No test data found for product  
Acute Respiratory Irritation: No test data found for product.  
Acute Inhalation Toxicity: No test data found for product  
Acute Oral Toxicity: No test data found for product.

**Chronic Toxicity:** This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" human carcinogens. No additional test data found for product

### Section XII – Ecological Data

Ecotoxicological Information: No data found for product  
Chemical rate information: No data found for product

### Section XIII – Disposal Considerations

Waste Disposal Method: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.  
Container Handling and Disposal: Any containers or equipment used should be decontaminated immediately after use.  
EPA Hazardous Waste - *NO*

### Section XIV – Transport Information

This product is not regulated for transport

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### Section XV – Regulatory Information

Inventory	status	Inventory	status
UNITED STATES (TSCA)	Y	CANADA (DSL)	Y
EUROPE (EINECS/ELINCS)	N	AUSTRALIA (AICS)	Y
JAPAN (MITI)	N	SOUTH KOREA (KECL)	Y

Y = All ingredients are on the inventory. E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

#### FEDERAL REGULATIONS

Inventory Issues: All functional components of this product are listed on the TSCA Inventory.

SARA Title III Hazard Classes:

Fire Hazard	NO
Reactive Hazard	NO
Release of Pressure	NO
Acute Health Hazard	NO
Chronic Health Hazard	NO

SARA Extremely Hazardous Substances (EHS)/CERCLA Hazardous Substances: This product does not contain any hazardous substances as considered by SARA or CERCLA.

State Regulations: This product does not contain any components that are regulated under California Proposition 65.

### Section XVI - Miscellaneous

Comments: Use good housekeeping procedures to minimize dust build-up

Disclaimer: THE INFORMATION WHICH IS IN THIS DOCUMENT IS BASED UPON AVAILABLE DATA AND BELIEVED TO BE CORRECT; HOWEVER, THE PRODUCT DISCUSSED HEREIN IS SOLD WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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