



# Material Safety Data Sheet # 329

Hercules Chemical Company Inc.  
111 South Street  
Passaic NJ 07055-7398  
Information Telephone: 1-800 221-9330  
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NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>Health Hazard</td><td>0</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	0	Fire Hazard	0	Reactivity	0		
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Fire Hazard	0								
Reactivity	0								

Preparation Date 06-Jul-2006

Revision Date 7/9/07

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Hercules Sta-Put  
**Recommended Use** Plumbers putty

**Supplier Address**  
Hercules Chemical Company, Inc.  
111 South St.  
Passaic, NJ 07055  
TEL: 973-778-5000

**Company Emergency Phone Number** 1-800-221-9330  
**Emergency Telephone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### CAUTION!

#### Emergency Overview

May cause skin irritation and/or dermatitis

**Appearance** Beige

**Physical State** Solid

**Odor** Mild vegetable odor

#### Potential Health Effects

##### Principle Routes of Exposure

Skin contact.

##### Acute Effects

**Eyes**  
**Skin**  
**Inhalation**  
**Ingestion**

May cause irritation.  
May cause skin irritation and/or dermatitis.  
Not an expected route of exposure.  
Ingestion may cause stomach discomfort.

##### Chronic Effects

This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

##### Aggravated Medical Conditions

Skin disorders.

##### Potential Environmental Effects

See Section 12 for additional Ecological information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Calcium Carbonate	1317-65-3	60-100
Kaolinite, Hydrous Aluminum Silicate	1332-58-7	5-10
Quartz	14808-60-7	1-5

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
<b>Skin Contact</b>	Wash skin with soap and water
<b>Inhalation</b>	Move to fresh air
<b>Ingestion</b>	Clean mouth with water. Do not induce vomiting. If symptoms persist, call a physician.
<b>Notes to Physician</b>	Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable
<b>Flash Point</b>	Not applicable
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Explosion Data</b>	
Sensitivity to mechanical impact	Not sensitive
Sensitivity to static discharge	Not sensitive

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

<b>NFPA</b>	<b>Health</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical Hazard</b> -
<b>HMIS</b>	<b>Health</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0	

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with the skin and the eyes.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so
<b>Methods for Clean-up</b>	Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.

### 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate		TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	
Kaolinite, Hydrous Aluminum Silicate	TWA: 2 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	
Quartz	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	50 mg/m <sup>3</sup> respirable dust

NIOSH IDLH: Immediately Dangerous to Life or Health

### Engineering Controls

Showers  
Eyewash stations  
Ventilation systems

### Personal Protective Equipment

#### Eye/face Protection

No special protective equipment required

#### Skin Protection

Protective gloves.

#### Respiratory Protection

No special protective equipment required.

### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Beige	<b>Odor</b>	Mild vegetable odor
<b>Physical State</b>	Solid	<b>pH</b>	Not applicable
<b>Flash Point</b>	Not applicable	<b>Autoignition Temperature</b>	Not applicable
<b>Boiling Point/Range</b>	No data available	<b>Melting Point/Range</b>	No data available
<b>Flammability Limits in Air</b>	No data available	<b>Water Solubility</b>	Insoluble in water
<b>Specific Gravity</b>	1.89	<b>VOC Content</b>	Not applicable
<b>Solubility</b>	No data available		
<b>Viscosity</b>	Putty		

## 10. STABILITY AND REACTIVITY

### Chemical Stability

Stable under recommended storage conditions.

### Conditions to Avoid

None known based on information supplied.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Silicon dioxide.

### Hazardous Polymerization

Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION****Acute Toxicity**

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Quartz	500 mg/kg ( Rat )		

**Chronic Toxicity**

**Chronic Toxicity** This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

Chemical Name	ACGIH	IARC	NTP	OSHA
Quartz	A2	Group 1	Known	X

**Reproductive Effects** This product does not contain any known or suspected reproductive hazards.

**Target Organ Effects** Skin, Eyes.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method** This material, as supplied, is not a hazardous waste according to state and Federal regulations (40 CFR 261).

**Contaminated Packaging** Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
CHINA	Does not Comply
KECL	Does not Comply
PICCS	Does not Comply
AICS	Does not Comply

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### **Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### U.S. State Regulations

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
Quartz	14808-60-7	Carcinogen

### U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Calcium Carbonate	X		X		X
Kaolinite, Hydrous Aluminum Silicate	X		X		X
Quartz	X	X	X		

### International Regulations

#### **Mexico - Grade**

Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
Calcium Carbonate		STEL: 20 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>
Kaolinite, Hydrous Aluminum Silicate		STEL: 20 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>

#### **Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

#### **WHMIS Hazard Class**

Non-controlled

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**16. OTHER INFORMATION**

**Preparation Date** 06-Jul-2006

**Revision Date**

**Revision Summary** No information available

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**