



# Material Safety Data Sheet # 385

Hercules Chemical Company Inc.  
111 South Street  
Passaic NJ 07055-7398  
Information Telephone: 1-800 221-9330  
Internet: www.herchem.com

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>2</td></tr><tr><td>REACTIVITY</td><td>0</td></tr></table>	HEALTH	1	FLAMMABILITY	2	REACTIVITY	0		
HEALTH	1								
FLAMMABILITY	2								
REACTIVITY	0								

Preparation 1/6/11

Revision Date 1/6/11

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity:** Brush-on/Blue Block

**Intended Use:** Thread sealant.

**Manufacturer:** Hercules Chemical Company, Inc.  
111 South Street  
Passaic, New Jersey 07055-7398

**Information Telephone:** (800) 221-9330

**Internet:** <http://www.herchem.com>

**Emergency Phone: CHEMTREC: (800) 424-9300**

**MSDS Date of Preparation:** 11/15/2010

## 2. HAZARDS IDENTIFICATION

Blue color paste with Alcohol odor.

### EMERGENCY OVERVIEW

Inhalation may cause mild irritation of nose and throat.  
May cause mild skin irritation on prolonged contact.

**Ingestion:** Slightly toxic. Ingestion of a large quantity may cause drowsiness and loss of consciousness, stomach cramps, pain, nausea, vomiting and diarrhea. Get medical attention.

**Inhalation:** Inhalation may cause mild irritation of nose and throat.

**Eye:** May cause mild irritation or discomfort.

**Skin:** Prolonged contact may cause mild irritation to persons with existing skin conditions.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No.	Amount
Isopropanol	67-63-0	10-20%
Talc	14807-96-6	20-30%
Rosin	8050-09-7	15-25%
Fumed Silica	112945-52-5	1-5%
Titanium Dioxide	13463-67-7	10-15%
quartz	14808-60-7	<0.5%
Mica	12001-26-2	10-15%
Castor Oil	68187-84-8	10-20%

**4. FIRST AID MEASURES**

**Eye:** Flush victim's eyes with large quantities of water for fifteen minutes holding the eyelids apart. Get medical attention if irritation persists.

**Skin:** Wash with soap and water. Remove all contaminated clothing.

**Ingestion:** Do not induce vomiting. If conscious, give large quantities of water or milk. Get immediate medical attention.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**5. FIRE FIGHTING MEASURES**

**Flashpoint:** 170°F T.C.C.

**Flammable Limits:** LEL 2% UEL 12% (based on Isopropyl Alcohol)

**Autoignition Temperature:** Not applicable

**Extinguishing Media:** Use water fog or spray, carbon dioxide, dry chemical or foam.

**Unusual Fire or Explosion Hazards:** Classified as combustible, will burn under fire conditions.

**Special Fire-Fighting Instructions:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

**Hazardous Combustion Products:** Burning may produce carbon monoxide, carbon dioxide and unidentified hydrocarbons.

**Explosion Data (sensitivity to mechanical impact or static discharge):** None known.

**6. ACCIDENTAL RELEASE MEASURES**

Extinguish all ignition sources. Use absorbent material to pick up small spills. For large spills Collect with inert absorbent and place in container for proper disposal.

**7. HANDLING AND STORAGE**

**Handling:** Avoid contact with the eyes. Keep containers closed when not in use. Use with adequate ventilation.

**Storage:** Keep away from heat, sparks and flame.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines:**

Isopropanol	200 ppm ACGIH TLV400ppm OSHA Pel
Talc	2 mg/m <sup>3</sup> ACGIH TLV (respirable dust)
Quartz	2 mg/m <sup>3</sup> ACGIH TLV (respirable dust)
Non-Hazardous Ingredients	None Established

**Engineering Controls:** None required for normal use.

**Respiratory Protection:** None normally needed.

**Skin Protection:** None normally required. Rubber gloves can be worn to prevent prolonged contact.

**Eye Protection:** Safety glasses recommended where contact is possible.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance And Odor:** Blue color paste with Alcohol odor.

<b>Physical State:</b> Paste	<b>Boiling Point:</b> Not applicable
<b>Vapor Density:</b> 2.07	<b>Vapor Pressure:</b> 33 based on Isopropanol
<b>Solubility In Water:</b> Insoluble	<b>Evaporation Rate:</b> 2.88
<b>Specific Gravity:</b> 1.29	<b>pH:</b> N/A
<b>Melting Point:</b> Not applicable	<b>Octanol/Water Coefficient:</b> Not determined
<b>VOC Content:</b> 183 g/L	

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal storage and handling conditions.

**Conditions to avoid:** Heat, sparks and open flame.

**Incompatibility:** Avoid concentrated nitric acids and sulfuric acid, strong oxidizers, aldehydes and halogens.

**Hazardous Decomposition Products:** Burning may produce carbon monoxide, carbon dioxide and unidentified hydrocarbons.

**Hazardous Polymerization:** Burning may produce carbon monoxide and carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**Ingestion:** Slightly toxic. Ingestion of large quantity may cause drowsiness and loss of consciousness, stomach cramps, pain, nausea, vomiting and diarrhea.

**Inhalation:** May cause mild irritation of nose and throat.

**Eye:** May cause moderate irritation or discomfort.

**Skin:** Prolonged contact may cause mild irritation.

**Sensitization:** None expected.

**Chronic:** None Known.

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

**Mutagenicity:** None known.

**Medical Conditions Aggravated by Exposure:** None known.

**Acute Toxicity Values:** Not determined.

## 12. ECOLOGICAL INFORMATION

No data available for this product.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations.

**14. TRANSPORT INFORMATION****Transportation of Dangerous Goods Description:**

Proper Shipping Name: Not regulated for transport

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

**15. REGULATORY INFORMATION**

Inventory Status.

TSCA: All components in the product are on TSCA list.

DSL: Complies

U.S. Federal Regulations

SARA 313.

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical Isopropyl Alcohol which is 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: Yes

Chronic Health Hazard: Yes

Fire Hazard: Yes

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

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

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Isopropyl Alcohol	x	x	x
Talc	x	x	x
Kaolin		x	x
Quartz	x	x	x

**California Proposition 65**

This product contains no chemicals in proportions requiring reporting under Proposition 65.

This product has been classified under the CPR and this MSDS discloses information elements required by the CPR.

**Canadian WHMIS Classification:** Class D-2-B**Canadian CEPA:** All the components of this product are listed on the Canadian DSL.**16. OTHER INFORMATION****NFPA Rating:** Health = 1 Fire = 2 Reactivity = 0**HMIS Rating:** Health = 1 Fire = 2 Reactivity = 0**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.