





# Material Safety Data Sheet # 354

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

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

Preparation 1/15/09

Revision Date

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity:** Hercules Plumber's Caulk - White/Linen

**Intended Use:** Sealant

**Formula:** Mixture

**Manufacturer:** Hercules Chemical Company Inc.  
111 South Street  
Passaic, NJ 07055

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

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

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

**MSDS Date of Preparation:** 1/15/09

## 2. HAZARDS IDENTIFICATION

This product is a white or linen colored paste with an ammonia odor.

### EMERGENCY OVERVIEW

**WARNING!** Irritating to eyes, respiratory system and skin. Harmful if swallowed, inhaled, or absorbed through the skin. May cause central nervous system depression. May cause adverse cardiac effects. May cause allergic skin reaction. May cause adverse liver, kidney, and CNS effects. Refer to other MSDS sections for detailed information.

### POTENTIAL HEALTH EFFECTS

**INGESTION:** Liver and kidney injuries may occur. May be harmful if swallowed. Irritation of the mouth, throat, and stomach. May cause pulmonary edema. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression. May affect the blood and blood system. May affect the heart and cardiovascular system. May cause pneumonitis as a result of aspiration.

**SKIN:** May be absorbed through skin and produce effects as listed under "Ingestion". Can cause irritation and reddening of the skin.

**INHALATION:** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Can irritate mucous membranes and respiratory tract with coughing and shortness of breath. Avoid inhalation of vapor or mist.

**EYES:** Contact can cause severe irritation and conjunctivitis (redness and swelling).

**MEDICAL CONDITIONS AGGRAVATED:** Liver, kidney Central nervous system disorders. Pre-existing skin or respiratory diseases.

**SUBCHRONIC (TARGET ORGAN):** Skin; Liver; Kidney; Central nervous system; Heart effects; Bone marrow and hematopoietic (blood forming) system.

**CHRONIC EFFECTS / CARCINOGENICITY:** This product contains stoddard solvent or mineral spirits. Chronic and repeated overexposure may result in adverse liver and kidney effects, bone marrow hyperplasia, and intracerebral hemorrhage.

**ROUTES OF EXPOSURE:** Inhalation; Eyes; Dermal; Oral.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	WHITE WGT. %	LINEN WGT. %
<b>A. HAZARDOUS</b>			
Butyl benzyl phthalate	85-68-7	>= 0% - < 10 %	>= 0% - < 10 %
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE	64742-46-7	1 - 5 %	1 - 5 %
STODDARD SOLVENT	8052-41-3	1 - 5 %	< 1 %
ETHANEDIOL	107-21-1	< 1 %	< 1 %
Diisooheptyl phthalate	71888-89-6	>= 0% - < 10 %	>= 0% - < 10 %
<b>B. NON-HAZARDOUS</b>			
Titanium Dioxide	13463-67-7	1 - 5 %	1 - 5 %
Limestone	471-34-1	30 - 60 %	30 - 60 %
Water	7732-18-5	10 - 30 %	10 - 30 %
Vendor Trade Secret Acrylic polymer	-	10 - 30 %	10 - 30 %

#### HMIS

Flammability: 0      Reactivity: 0      Health: 1

#### NFPA

Flammability: 0      Reactivity: 0      Health: 1

### 4. FIRST AID MEASURES

**INGESTION:** Immediate medical attention is required. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. To avoid aspiration should vomiting occur, have the person lean forward. If victim is conscious, give 2-4 glasses of water. Never induce vomiting unless specifically directed by qualified medical personnel.

**SKIN:** Wash off with soap and water. Remove and wash contaminated clothing before re-use. Get medical attention if irritation or symptoms develop. Flush skin with large amounts of water for at least 15 minutes until no evidence of chemical remains.

**INHALATION:** Get medical attention if irritation or symptoms develop. If not breathing, remove to fresh air and begin artificial respiration using a barrier device. Because of chemical properties, do not use mouth-to-mouth contact.

**EYES:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**NOTE TO PHYSICIAN:** Treatment is symptomatic and supportive.

### 5. FIRE FIGHTING MEASURES

**FLASH POINT:** > 93.3 °C; 200 °F

**METHOD:** estimated

**IGNITION TEMPERATURE:** not applicable

**FLAMMABLE LIMITS IN AIR - LOWER (%):** not applicable

**FLAMMABLE LIMITS IN AIR - UPPER (%):** not applicable

**SENSITIVITY TO MECHANICAL IMPACT:** No

**SENSITIVITY TO STATIC DISCHARGE:** Sensitivity to static discharge is not expected.

**EXTINGUISHING MEDIA:** All standard extinguishing agents are suitable.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

Wipe, scrape or soak up in an inert material and put in a proper container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Keep out of water supplies and sewers.

## 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Use only in well-ventilated areas. Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. Keep container tightly closed. Keep container dry. Do not inhale vapors. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics.

**STORAGE:** Store away from heat, sources of ignition, and incompatibles. Keep away from children. Store between 40 F and 120 F.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Showers; Eyewash stations; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

**RESPIRATORY PROTECTION:** If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

**PROTECTIVE GLOVES:** Neoprene or other impervious gloves.

**EYE AND FACE PROTECTION:** Safety glasses with side-shields, Monogoggles

**OTHER PROTECTIVE EQUIPMENT:** Wear suitable protective clothing and eye/face protection.

### Exposure Guidelines:

Component	CAS RN	PEL - OSHA	TLV - ACGIH
STODDARD SOLVENT	8052-41-3	500ppm	100ppm
DISTILLATES (PETROLEUM),	64742-46-7	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT - C &amp; F:</b>	not applicable
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	not applicable
<b>VAPOR DENSITY (AIR=1):</b>	not applicable
<b>FREEZING POINT:</b>	not applicable
<b>PHYSICAL STATE:</b>	Paste
<b>ODOR:</b>	Ammonia
<b>COLOR:</b>	White/Linen
<b>SPECIFIC GRAVITY (WATER=1):</b>	1.54
<b>ACID / ALKALINITY (MEQ/G):</b>	not applicable
<b>pH:</b>	7.7
<b>VOLATILE ORGANIC CONTENT (VOL):</b>	No data available

**SOLUBILITY IN WATER (20 C):** Unknown  
**SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):** Unknown  
**VOC content:** 39.1 g/L

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS:** Carbon dioxide (CO<sub>2</sub>); Carbon monoxide; nitrogen oxides (NO<sub>x</sub>); Toxic monomer fumes.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Unknown

**CONDITIONS TO AVOID:** Unknown

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**ACUTE ORAL:** Remarks: Unknown

**ACUTE DERMAL:** Remarks: Unknown

**ACUTE INHALATION:** Remarks: Unknown

**OTHER:** Contains ethylene glycol which causes birth defects in laboratory animals.

**SENSITIZATION:** No data available

**SKIN IRRITATION:** No data available

**EYE IRRITATION:** No data available

**MUTAGENICITY:** Unknown

**OTHER EFFECTS OF OVEREXPOSURE:** This product contains butyl benzyl phthalate. Adverse reproductive effects have been reported in animals exposed to butyl benzyl phthalate through chronic feeding studies. Additionally, chronically fed rats exhibited leukemia and lymphomas, including Hodgkin's disease.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** No data available

**DISTRIBUTION:** No data available

**CHEMICAL FATE:** No data available

## 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

### Transportation of Dangerous Goods Description:

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

**15. REGULATORY INFORMATION****Inventories**

Canada DSL Inventory	No
Canada NDSL Inventory	No
TSCA list	Yes

**US Regulatory Information**

**SARA (311,312) HAZARD CLASS:** Acute Health Hazard; Chronic Health Hazard

**SARA (313) CHEMICALS:** 75-21-8, Ethylene Oxide. 50-00-0, Formaldehyde. 79-06-1, Acrylamide. 107-13-1, Acrylonitrile.

**CALIFORNIA PROPOSITION 65:** WARNING! This product contains a chemical known in the State of California to cause cancer.

75-21-8, Ethylene Oxide. 108-88-3, Toluene. 50-00-0, Formaldehyde. 7440-02-0, Nickel. 123-91-1, 1,4-Dioxane. 79-06-1, 2-Propenamide. 7439-92-1, Lead. 85-68-7, Butyl benzyl phthalate. 107-13-1, . 140-88-5, Ethyl Acrylate.

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS:** D2B - Toxic Material Causing Other Toxic Effects

**16. OTHER INFORMATION****OTHER****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.