



## Safety Data Sheet (SDS)

Revision / Review Date: 4/28/15

### 1. Chemical Product and Company Identification

Product Name:	TS-830
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Chlorosulfonated polyethylene
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	Not available
Product Use:	Natural Rubber
OSHA Status:	Non- Hazardous
CAS No:	9003-31-0

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

### 2. Hazard(s) Identification

<u>GHS Classification:</u>	Not Classified.
<u>Hazards Symbol:</u>	None.
<u>Signal Word:</u>	None.
<u>Hazard Statement:</u>	None.
<u>Signs and Symptoms of Exposure:</u>	Redness and swelling of the eyes or skin. Abdominal pain and diarrhea.
<u>Primary Routes of Entry:</u>	Eyes, skin and inhalation.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	None known.
<u>Eye Contact:</u>	May cause mild eye irritation.
<u>Skin Contact:</u>	May cause mild skin irritation, local swelling and redness.
<u>Ingestion:</u>	Ingestion of large quantities may cause irritation of the mouth and throat, abdominal pain and diarrhea.
<u>Inhalation:</u>	May cause respiratory tract irritation.
<u>NFPA Hazard Rating:</u>	Health- 1,      Flammability - 0,      Reactivity - 0

<u>HMIS Hazard Ratings:</u>	Health- 1,      Flammability - 0,      Reactivity - 0
<u>HMIS limitation statement:</u>	The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. All of the information contained in the SDS should be consulted to assist with the safe handling of this material.
<u>Principal Hazardous Components:</u>	Talc, respirable fraction 2mg/M3 – OSHA PEL Talc, respirable fraction 2mg/M3 – ACGIH TWA

### 3. Composition / Information on Ingredients

<u>Chemical Name</u>	<u>CAS #</u>	<u>OSHA Hazardous(Y/N)</u>	<u>Concentration (%)</u>
Chlorosulfonated polyethylene	68037-39-8	N	96-98
Talc	14807-96-6	Y	≤ 2

### 4. First Aid Measures

<u>Inhalation:</u>	If respiratory irritation or distress occurs, remove victim to fresh air. Seek medical attention if irritation develops or persists.
<u>Eyes:</u>	Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists.
<u>Skin:</u>	Remove contaminated clothing and shoes. Wash with plenty of water, for at least 15 minutes. Seek medical attention if irritation develops or persists. Launder contaminated clothing and shoes before re-use.
<u>Ingestion:</u>	Do not induce vomiting. If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

### 5. Fire-Fighting Measures

<u>Suitable Extinguishing Media:</u>	Water spray, fog, dry chemical, foam, CO2.
<u>Special Fire Fighting Procedures:</u>	Firefighters should wear NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water.
<u>Hazardous Combustion Products:</u>	Oxides of carbon, oxides of sulfur, hydrogen chloride.
<u>Unusual fire and explosion hazards:</u>	Closed containers may rupture due to buildup of pressure when exposed to extreme heat.

## 6. Accidental Release Measures

### Steps to be taken in case material is spilled:

Wear appropriate protective gear for the situation. Extinguish or remove all sources of ignition. Sweep up and place in an appropriate closed container. Clean up residual material by washing area with water. Collect washings for disposal. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

### Environmental Disposal Information:

Do not flush to drain. Spills may be reportable to the National Response Center and to state and/or local agencies.

### Waste Disposal:

Reclaim or dispose of in accordance with local, state, and federal regulations.

## 7. Handling and Storage:

### Empty Containers:

Containers of this material may be hazardous when emptied due to product residues. All hazard precautions must be observed.

### Precautions to be taken in handling:

Handle material with suitable protection. Handle with adequate ventilation. Avoid breathing dusts. Avoid contact with eyes, skin and clothing. General area dilution/exhaust ventilation.

### Storage:

Store upright in a cool, dry, well ventilated area out of direct sunlight. Keep away from heat, open flames and ignition sources. Keep container tightly closed.

## 8. Exposure Controls / Personal Protection

### Exposure Controls:

Not available.

### Respiratory Protection:

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with regulatory standards and/or industrial recommendations.

### Ventilation:

General area dilution/exhaust ventilation.

### Hand Protection:

Chemical-resistant gloves.

### Eye Protection:

Safety glasses with side shields, goggles or face shield.

### Skin and Body Protection:

Skin contact should be minimized through the use of chemical-resistant gloves and boots, and suitable protective clothing.

### Engineering Measures:

Set up hand-wash station and eyewash station near work area.

General Measures:

Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes of contact with this material.

**9. Physical and Chemical Properties**

Physical Form:

Solid

Appearance & Odor:

Creamy-white to light-colored/ Faint, characteristic odor

Relative Density:

1.02-1.21

Specific Gravity:

Not available.

Softening Point, R&B:

Not available.

Solubility in Water:

Not available.

Flash Point, TAG CC F:

Not available.

Percent Volatiles (by weight):

Not available.

Decomposition Temperature:

392F (200C)

Evaporation Rate (Water ~ 1):

Not available.

Vapor Pressure (mm Hg):

Not available.

Vapor Density (Air ~ 1):

Not available.

Boiling Point (°F) Initial:

Not available.

Auto ignition Temperature, °C:

Not available.

Flammable Limits, %(V):

Not available.

**10. Stability and Reactivity**

Stability:

This product is stable under normal conditions.

Incompatibility (Materials to Avoid):

Strong oxidizing agents.

Conditions to Avoid:

Extreme heat, open flame, dusting conditions. Material decomposes at approximately 392F (200C).

Hazardous Polymerization:

Hazardous polymerization will not occur.

Hazardous Decomposition Products:

Oxides of carbon, oxides of sulfur, hydrogen chloride.

**11. Toxicological Information**

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

<u>OSHA Permissible Exposure Limit:</u>	Talc, respirable fraction 2mg/M3
<u>ACGIH Threshold Limit Value:</u>	Talc, respirable fraction 2mg/M3
<u>Eye Corrosion/ Irritation:</u>	No data available.
<u>Skin Corrosion/ Irritation:</u>	No data available.
<u>Acute Oral Toxicity:</u>	No data available.
<u>Acute Dermal Toxicity:</u>	No data available.
<u>Acute Inhalation Toxicity:</u>	No data available.
<u>Skin Sensitization:</u>	No data available.
<u>Genetic Toxicity:</u>	No data available.
<u>Carcinogenicity:</u>	No data available.
<u>Reproductive Toxicity:</u>	No data available.

## 12. Ecological Information

This material has not been evaluated for environmental effects.

## 13. Disposal Considerations

<u>Residual Waste:</u>	Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS 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.
<u>Contaminated vessels and containers:</u>	Rinse containers before disposal. Do not allow rinsate to enter the water systems.
<u>EPA Hazardous Waste:</u>	No.

## 14. Transport Information

<u>D.O.T. Shipping Name:</u>	Not regulated.
<u>Air - ICAO (international Civil Aviation Organization):</u>	Not regulated.

Sea - IMDG (International Maritime Dangerous Goods): Not regulated.

### **15. Regulatory Information**

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

Inventory Status:

US (TSCA): Yes  
Canada (DSL): Yes  
Europe (REACH): Exempt  
Australia (AICS): Yes  
Japan (MITI): Yes  
Korea (KECL): Yes

SARA Title III Hazard Classes:

Fire Hazard: No  
Reactive Hazard: No  
Release of Pressure: No  
Acute Health Hazard: Yes  
Chronic Health Hazard: No

SARA Extremely Hazardous

Substances/CERCLA Hazardous Substances:

None.

California Proposition 65:

This product contains the following components that are regulated under Proposition 65: 1,1,2-Trichloroethane, CAS# 79-00-5, ≤0.5%

### **16. Other Information**

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the user's responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.