

## SAFETY DATA SHEET

# Crouse-Hinds

by **EATON**

Date Issued : 6/27/2013  
MSDS No : 6805P2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Chico Liquid Seal Part 2 (75mL, 400mL)

**GENERAL USE:** Gland Sealant

**PRODUCT CODE:** Part 2 of 2: Filled Epoxy Catalyst

**ALTERNATE TRADE NAME(S):** RCT AC 6805 Part 2, AC 1623-5AJ Part 2

### DISTRIBUTOR

Cooper Crouse-Hinds LLC  
P.O. Box 4999  
Syracuse, NY 13221-4999  
USA

**Emergency Phone:** (888) 847-3610 EXT. 3

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (International Transportation) :** (703) 741 - 5500

**CHEMTREC (US Transportation) :** (800) 424 - 9300

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Acute Toxicity (Dermal), Category 4

Skin Corrosion, Category 2

Eye Irritation, Category 2A Skin Sensitization, Category 1

Mutagenicity, Category 2

### GHS LABEL



Exclamation  
Mark



Health  
Hazard

SIGNAL WORD: WARNING

### HAZARD STATEMENTS

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H341: Suspected of causing genetic defects.

### PRECAUTIONARY STATEMENT(S)

#### Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P352: Wash with plenty of soap and water.

#### Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

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**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Viscous liquid.

**IMMEDIATE CONCERNS:** Harmful in contact with skin or if swallowed. Inhalation causes headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Causes respiratory tract, eye and skin irritation. May cause allergic respiratory and skin reaction.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Contact causes severe eye irritation.

**SKIN:** Harmful in contact with skin. Severely irritating to the skin. May cause sensitization by skin contact.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Harmful if inhaled and may cause delayed lung injury. Can cause severe eye, skin and respiratory tract burns. Risk of serious damage to the lungs (by inhalation). May cause nose, throat, and lung irritation.

**REPRODUCTIVE TOXICITY**

**REPRODUCTIVE EFFECTS:** None known.

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC or OSHA.

**MUTAGENICITY:** Contains material which may cause heritable genetic effects.

**MEDICAL CONDITIONS AGGRAVATED:** Pre-existing skin disorders may be aggravated by over-exposure to this product

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Cycloaliphatic Amine	10 - 30	Trade Secret
Catalyst (2)	5 - 15	Trade Secret
Benzyl Alcohol	10 - 30	100-51-6
2-piperazin-1-ylethylamine	< 2	140-31-8
Glass Fibers	10 - 30	65997-17-3

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Initiate and maintain gentle and continuous irrigation until the patient receives medical care.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Move exposed person to fresh air. Keep person warm and at rest. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.

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**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Adverse symptoms may include the following: pain or irritation, watering, redness.

**SKIN:** Adverse symptoms may include the following: irritation, redness

**INGESTION:** Adverse symptoms may include the following: nausea or vomiting, dizziness/vertigo, drowsiness/fatigue, headache, unconsciousness.

**INHALATION:** Adverse symptoms may include the following: nausea or vomiting, respiratory tract irritation, coughing, headache, drowsiness/fatigue, dizziness/vertigo, wheezing and breathing difficulties, unconsciousness, asthma.

**CHRONIC EFFECTS:** Contains material that can cause target organ damage.

**NOTES TO PHYSICIAN:** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Foam, Water Spray, Carbon dioxide (CO<sub>2</sub>), Dry chemical

**HAZARDOUS COMBUSTION PRODUCTS:** Nitrogen oxides and other potentially hazardous nitrogen-containing compounds.

**FIRE FIGHTING PROCEDURES:** Cool exposed containers with water spray after extinguishing fire.

**FIRE FIGHTING EQUIPMENT:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**SENSITIVE TO STATIC DISCHARGE:** None Expected.

**SENSITIVITY TO IMPACT:** None Expected.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**GENERAL PROCEDURES:** Absorb with inert absorbent materials such as: Dry sand. Vermiculite. Activated charcoal. Place in appropriate chemical waste container.

**7. HANDLING AND STORAGE**

**HANDLING:** Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not ingest. Use only with adequate ventilation. Empty containers retain product residue and can be hazardous. Do not reuse container. Refer to Section 8 for additional information.

**STORAGE:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep container tightly closed and sealed until ready for use.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Benzyl Alcohol	TWA	Not Available	Not Available	Not Available	Not Available	10 [1]	Not Available [1]
2-piperazin-1-ylethylamine	TWA	Not Established	Not Established	Not Established	Not Established		
Glass Fibers	TWA	Not Established [2]	5 [2]	5 [3]	Not Established [3]		
Footnotes: 1. Workplace Environmental Exposure Level (WEEL), 8 hr. 2. fibers, total dust [15 mg/m3] 3. Inhalable							

**ENGINEERING CONTROLS:** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapors or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep workers exposure to airborne contaminants below any recommended or statutory limits.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

**SKIN:** Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Butyl rubber. Ethyl vinyl alcohol laminate ("EVAL"). Neoprene. Nitrile/Butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). **NOTICE:** The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

**RESPIRATORY:** Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge. When grinding or sanding without sufficient ventilation of the cured product, use an approved dust mask.

**WORK HYGIENIC PRACTICES:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Ensure that eyewash stations and safety showers are close to the workstation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid  
ODOR: Amine odor  
ODOR THRESHOLD: Not Available  
APPEARANCE: Liquid  
COLOR: Tan  
pH: Not Available  
FLASH POINT AND METHOD: ~ 93°C (200°F) Setaflash  
FLAMMABLE LIMITS: Not Available  
AUTOIGNITION TEMPERATURE: Not Available  
VAPOR PRESSURE: Not Available  
VAPOR DENSITY: Not Available  
BOILING POINT: 205°C (401°F) to 248°C (478°F)  
FREEZING POINT: Not Available  
SOLUBILITY IN WATER: Partly soluble in water  
EVAPORATION RATE: Not Available  
DENSITY: Not Available  
SPECIFIC GRAVITY: ~ 1.36  
COEFF. OIL/WATER: Not Available

## 10. STABILITY AND REACTIVITY

STABLE: Yes  
HAZARDOUS POLYMERIZATION: No  
STABILITY: This product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.  
POLYMERIZATION: Product will not undergo hazardous polymerization.  
CONDITIONS TO AVOID: Keep away from heat, flame and sparks.  
HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed during combustion.  
INCOMPATIBLE MATERIALS: Reactive or incompatible with the following materials: oxidizing materials, strong acids, strong alkalis.

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## 11. TOXICOLOGICAL INFORMATION

## ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Cycloaliphatic Amine	1030 mg/kg RAT	No Data Available	No Data Available.
Benzyl Alcohol	1230 to 3120 mg/kg RAT	2000 mg/Kg Rabbit	> 4178 mg/l / 4hr / RAT
2-piperazin-1-ylethylamine	> 2000 mg/kg RAT	200 to 2000 mg/Kg RAT	No Data Available.
Glass Fibers	No data Available	No Data Available	No Data Available.

EYE EFFECTS: Not Available

SKIN EFFECTS: Not Available

## CARCINOGENICITY

IARC: Not classified

NTP: Not classified

OSHA: Not classified

REPEATED DOSE EFFECTS: Not Available

IRRITATION: Not Available

CORROSIVITY: Not Available

SENSITIZATION: Not Available

NEUROTOXICITY: Not Available

GENETIC EFFECTS: Not Available

REPRODUCTIVE EFFECTS: Not Available

TARGET ORGANS: Not Available

TERATOGENIC EFFECTS: Not Available

MUTAGENICITY: Contains materials which may cause heritable genetic effects.

SYNERGISTIC MATERIALS: Not Available

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## 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No known significant effects or critical hazards.

ECOTOXICOLOGICAL INFORMATION: Not Available

BIOACCUMULATION/ACCUMULATION: Not Available

DISTRIBUTION: Not Available

AQUATIC TOXICITY (ACUTE)

96-HOUR LC<sub>50</sub>: > 460 [mg/L]; 96 hr; Fathead minnow (*Pimephales promelas*)

48-HOUR EC<sub>50</sub>: > 58 [mg/L]; 48 hr; water flea *Daphnia magna*

CHEMICAL FATE INFORMATION: Not Available

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not Regulated

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated

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## 15. REGULATORY INFORMATION

### UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

313 REPORTABLE INGREDIENTS: None Expected.

### EPA

EPA RQ INGREDIENT: None Expected.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients in this material are on the TSCA Inventory.

CALIFORNIA PROPOSITION 65: No California Proposition 65 listed chemicals are known to be present.

### CANADA

### WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

WHMIS CLASS: Class D2A, Class D2B

DOMESTIC SUBSTANCE LIST (INVENTORY): The ingredients of this product are listed on the Domestic Substance List, Non-Domestic Substance List or are exempt.



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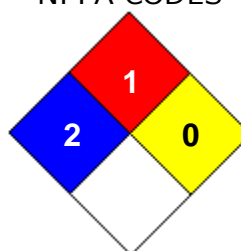
**16. OTHER INFORMATION**

APPROVED BY: MSDS Department

PREPARED BY: MSDS Department

**HMIS RATING**

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	<input type="checkbox"/>

**NFPA CODES**

MANUFACTURER SUPPLEMENTAL NOTES: Information Phone Number: (518) 399-5338

**MANUFACTURER DISCLAIMER:**

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