

# Safety Data Sheet:

Revision Date: 08/14/19

Technical Service  
(888)780-3229 (Option 2)



# Corro Cure 2503 Part A

## 1. Product and Company Identification

**Product Name:** Corro Cure 2503  
**Product Class:** Epoxy Resin, Part A  
**Product Type:** Bisphenol A/Epichlorohydrin Based Epoxy Resin

**D.O.T. Category:** Not Regulated  
**Manufacturer:** Corroshield Industries Inc.  
2575 United Lane  
Elk Grove Village, IL 60009

**Telephone:** 847/298-7770  
**Emergency:** 1-800/535-5053 INFOTRAC

## 2. Hazards Identification

### Hazard-Risk Classification

**Skin Corrosion/Irritation:** Category 2  
**Skin Sensitization:** Category 1  
**Serious Eye Damage/Eye Irritation:** Category 2A

### Label elements including precautionary statements

**Description:** Resin Compound Non Hazardous  
**Hazard Pictograms/Symbols:**



**Signal Word:** Warning  
**Hazard-Risk Statements:** Causes skin irritation  
May cause allergic skin reaction  
May cause respiratory irritation  
May cause serious eye irritation

### Precautionary Statements:

**Prevention:** Wear protective gloves/protective clothing/eye protection/face protection.  
Wash hands thoroughly after handling.  
Avoid breathing vapor

**Response:** If Inhaled:  
Remove victim to fresh air and keep rest in a position comfortable for breathing  
Call a POISON CENTER or physician if you feel unwell  
If on Skin  
Wash with plenty of soap and water.  
Take off contaminated clothing and wash before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.

**Storage:** Store Locked Up  
**Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations.

## 3. Composition/Information on Ingredients

>74% BisphenolA/Epichlorohydrin Based Epoxy Resin CAS NO. 25068-38-6  
The remaining ingredients are trade secret

## 4. First Aid Measures

Eye contact:	Flush eyes with plenty of water for at least 15 minutes while holding eyelids open.
Skin contact:	Immediately remove contaminated clothing or shoes, wash skin with plenty of soap and water for at least 15 minutes.
Inhalation:	Remove victim to fresh air and keep rest in a position comfortable for breathing Consult a physician if effects occur.
Ingestion:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep rest in a position comfortable for breathing. If material has been swallowed and exposed person is conscious, give small quantities of water to drink. Stop if exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.

## 5. Fire-Fighting Measures

### Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Dry chemical, carbon dioxide, foam in use, water
Unsuitable extinguishing media:	No data
Conflagration:	Use dry chemical in use or water spray.

Specific hazards arising from the chemical: Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Downwind personnel must be evacuated.

Fire-fighting hazard: No data

Special protective equipment and precautions for fire-fighters: Avoid contact with skin. Use personal protective equipment. Wear self-contained breathing apparatus for fire fighting if necessary.

## 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Use protective equipment as required. Avoid skin contact or inhalation.
Environmental precautions:	Prevent from entering into soil, ditches, sewers, waterways or groundwater
Methods for Containment:	Prevent further leakage or spillage. Construct a dike to prevent from spreading.
Methods for Clean Up:	Approach suspected leak areas with caution. Place in appropriate chemical labeled waste container.

## 7. Handling and Storage

Precautions for safe handling:	Store and handle in accordance with the existing law and regulation.
Conditions for safe storage:	Store in a dry and well-ventilated place. Avoid to contact with fire source.

## 8. Exposure Controls & Personal Protection

Exposure Controls:	No exposure controls are ordinarily required under normal conditions of use.
<b>Personal Protection:</b>	
Eye Protection:	Safety glasses with side shields.
Respiratory Protection:	Never exceed the national Occupational Exposure Limit. Exhaust ventilation or handle in a ventilated enclosure. For greater protection a face piece chemical cartridge respirator is recommended.
Hands protection:	Chemical resistant gloves.
Body Protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Don't need protective clothes at normal state.

## 9. Physical and Chemical Properties

Appearance:	Liquid, Clear
Odor:	Odorless
Melting Point/Freezing Point:	Not available
Boiling point:	260°C/500°F
Flashing Point:	251°C (483.80 °F) (ASTMD 93)
Vapor Pressure:	0.03 mbar @ 77 °C (170.60 °F)
Solubility:	Not available
Vapour density:	Not available
Relative density:	1.17
Partition coefficient:	Not available
n-octanol/water:	Not available
Viscosity:	Not available
Formula mass:	Not available

## 10. Stability and Reactivity

Reactivity:	Stable under normal conditions
Chemical stability:	Stable at normal conditions
Conditions to avoid:	Extreme of temperatures and direct sunlight
Incompatible materials:	Aliphatic amines, strong oxidizing agents, and strong acids
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced

## 11. Toxicological Information

### Likely routed of Exposure

Respiratory Organ:	no data
Mouth:	no data
Skin and contact:	no data
Eye and contact:	no data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

### Acute toxicity

Oral	LD50 > 11,400mg/kg bw Rat
Dermal:	LD50 > 2,000mg/kg bw Rat

### Skin corrosive/irritant

Skin	Erythema/Eschar 404 Acute Dermal Irritation/Corrosion	Score 1.5-2 (Rabbit)
Skin	Edema 404 Acute Dermal Irritation/Corrosion	Score 1.0-1.5 (Rabbit)
Eyes	405 Acute Eye Irritation/Corrosion	Score 0 (Rabbit)
Eyes	Redness of the Conjunctivae	Score 0.7 (Rabbit)
Skin	Moderate Irritant	Exposure 24 hrs (Rabbit)
Skin	Severe Irritant	Exposure 24 hours (Rabbit)
Eyes	Mild Irritant	(Rabbit)

### Conclusion/Summary

Skin:	not available
Eyes:	not available
Respiratory:	not available

### Sensitization – Conclusion/Summary

Skin:	not available
Respiratory:	not available

### Mutagenicity

Conclusion/Summary:	not available
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**Carcinogenicity**

Conclusion/Summary: not available  
 Reproductive Toxicity: Conclusion/Summary: not available – No adverse reproductive effects were observed.

**Teratogenicity**

Conclusion/Summary: not available

**Specific target organ toxicity (single exposure)**

Product/Ingredient Name: 4.1' – Isopropylidenediphenol – Epichlorohydrin Copolymer – Category 3  
 Target Organs: Respiratory Tract Irritation (repeat Exposure) – not available

**Aspiration Hazard**

Conclusion/Summary: not available

**Potential acute health effects:**

Eye Contact: Causes eye irritation  
 Inhalation: May cause respiratory irritation  
 Skin Contact: Causes skin irritation. May cause an allergic skin reaction  
 Ingestion: Irritation to mouth, throat and stomach

**12. Ecological Information**

**Aquatic and Terrestrial Ecotoxicity**

Product Ingredient name:	Result/Species/Exposure
<b>Bisphenol A (Epichlorohydrin)</b>	
Fish:	Acute LC50 1.3 mg/l – 203 Fish, Acute Toxicity Test 96 hours
Aquatic Invertebrates water flea:	Acute EC50 2.1 mg/l – 202 Daphnia sp. Acute Immobilization Test and Reproduction Test 48 hours
Aquatic Invertebrates water flea:	Acute NOEC 0.3 mg/l – Daphnia Magna Reproduction Test 21 days
Aquatic plant:	Acute LC50 > 11 mg/l – Algae – 72 hours
Conclusion/Summary:	Not available

**Persistence/Degradability:**

Conclusion/Summary: Not Available

**Bioaccumulative Potential**

4.4' – Isopropylidenediphenol-Epichlorohydrin Copolymer

LogPow:	2.64-3.78
BSF:	3-3131.00
Potential:	Low

**Mobility in Soil**

Soil/Water Partition Coefficient: Not available  
 Other adverse effects: No known significant effects or critical hazards

**13. Disposal Considerations**

Waste from residues/unused products:	Disposal of container and unused contents in accordance with Federal, State and Local Regulations
Contaminated packaging:	Disposal of container and unused contents in accordance with Federal, State and Local Regulations

## 14. Transport Information

### INFORMATION dot

CFR:	Non-Regulated
TDG:	Non-Regulated
IMO/IMDG:	Non-Regulated
IATA (Cargo):	Non-Regulated

Special precaution for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## 15. Regulatory Information

This product is listed on the TSCA inventory of chemical substances in USA.  
This product is DSL for the Chemical Substance Inventory in Canada

## 16. Other Information

### Other Hazard Risk which are not included in the classification criteria

Health:	2
Fire:	1
Reactivity:	0

Revision Date: August 14, 2019

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