



# SAFETY DATA SHEET

Issue Date No data available

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REVISION NUMBER: 4

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name DOLPHON CB-1078

### Other means of identification

Product Code CB-1078

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Uses advised against No information available

### Details of the supplier of the safety data sheet

#### MANUFACTURED BY:

VON ROLL USA, INC.

200 VON ROLL DRIVE

SCHENECTADY, NY 12306

BUSINESS: (518) 344-7100

EMERGENCY: (518) 395-3310 JOHN C. DOLPH, a Von Roll Company

320 New Road, MONMOUTH JUNCTION, NJ 08852

BUSINESS: (732) 329-2333

EMERGENCY: (518) 395-3310

### Emergency telephone number

## 2. HAZARDS IDENTIFICATION

### Classification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1

### Label elements

#### Emergency Overview

#### Warning

#### Hazard statements

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction



**Appearance** No information available      **PHYSICAL STATE** Liquid      **ODOR** No information available

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace

**Precautionary Statements - Response**

Specific treatment (see .? on this label)  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 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

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

**Other Information**

- Toxic to aquatic life with long lasting effects
- Toxicity: Not determined

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	CAS No.	APPROX. WEIGHT PERCENT	TRADE SECRET
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	25068-38-6	30 - 60	
Hydrophobic Silica 67762-90-7	67762-90-7	1 - 5	

**4. FIRST AID MEASURES**

**First aid measures**

**EYE CONTACT** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**SKIN CONTACT** Wash skin with soap and water.

**Inhalation** Remove to fresh air.

**INGESTION** Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Special Hazards:**

None Known.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	ACGIH TLV	OSHA PEL-TWA	NIOSH IDLH
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-	-	-

Hydrophobic Silica 67762-90-7	-	PARTICULATES: 15	-
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**Appropriate engineering controls**

**ENGINEERING CONTROLS:** Exhaust ventilation.  
Showers.  
Eyewash stations.  
Use in a well ventilated area.

**Individual protection measures, such as personal protective equipment**

Von Roll recommends evaluation and selection of appropriate engineering controls (such as ventilation and eyewash/safety shower) as well as appropriate personal protective equipment (such as respiratory protection, protective gloves, eye protection) for safely handling this material. The following guidelines should be considered in this process.

**EYE PROTECTION:** Splash Goggles.

**GLOVES:** Butyl rubber gloves.

**VENTILATION:** Use only in well ventilated area. Localized mechanical ventilation.

**RESPIRATORY PROTECTION:** Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV exceeded, or over exposure is likely.

**OTHER PERSONAL PROTECTION DATA:** Rubber apron or other chemical-resistant apron. Face shield.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>PHYSICAL STATE</b>	Liquid	<b>ODOR:</b>	EPOXY MILD
<b>Appearance</b>	No information available	<b>ODOR THRESHOLD</b>	UNKNOWN
<b>DESCRIPTION:</b>	MILKY	<b>(PPM):</b>	

<u>PROPERTIES</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	>104 °C / >220 °F	
<b>EVAPORATION RATE</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
<b>VAPOR PRESSURE</b>	No information available	
<b>VAPOR DENSITY</b>	No information available	
<b>SPECIFIC GRAVITY</b>	1.09	
<b>Water solubility</b>	No information available	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Kinematic viscosity</b>	No information available	
<b>Dynamic viscosity</b>	No information available	
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

**Other Information**

**Softening point** No information available  
**DENSITY** No information available  
**Bulk density** No information available

**10. STABILITY AND REACTIVITY**

**REACTIVITY**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**CONDITIONS TO AVOID**

Keep away from heat, sparks and flame. Temperatures above 85 F.

**Incompatible materials**

Avoid contact with acidic, basic or oxidizing agents. Do not expose to amines.

**Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide. Toxic fumes. Hydrogen chloride. Oxides of nitrogen. Aldehydes. Organic acid vapors.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**PRODUCT INFORMATION** No data available

**Inhalation** No data available.

**EYE CONTACT** No data available.

**SKIN CONTACT** No data available.

**INGESTION** No data available.

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	Oral LD50	Dermal LD50	Inhalation LC50
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	= 11400 mg/kg ( Rat )	-	-
Hydrophobic Silica 67762-90-7	-	-	-

**Information on toxicological effects**

**Symptoms** No information available.

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

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	ACGIH	IARC	NTP	OSHA

Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-	-	-	-
Hydrophobic Silica 67762-90-7	-	-	-	-

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - PRODUCT INFORMATION**

**Toxicity:** Not determined  
**The following values are calculated based on chapter 3.1 of the GHS document .**  
**ATEmix (oral)** 11400 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

43.17973% of the mixture consists of component(s) of unknown hazards to the aquatic environment

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	Acute Algae Toxicity:	Acute Fish Toxicity:	Crustacea
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-	-	-
Hydrophobic Silica 67762-90-7	-	-	-

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	Partition coefficient
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-
Hydrophobic Silica 67762-90-7	-

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	RCRA Classification:	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-	-	-	-
Hydrophobic Silica 67762-90-7	-	-	-	-

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-	-	-	-
Hydrophobic Silica 67762-90-7	-	-	-	-

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	California Hazardous Waste Status
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-
Hydrophobic Silica 67762-90-7	-

**14. TRANSPORT INFORMATION**

**DOT SHIPPING NAME:** RESIN COMPOUND, LIQUID, NOT DOT REGULATED  
**DOT HAZARD CLASS:** NONE  
**DOT PACKING GROUP:** NONE;  
**DOT LABEL(S):** NONE  
**UN/NA NUMBER:** NONE  
**PLACARDS:** NONE  
**ICAO/IATA:** NOT REGULATED  
**MARINE POLLUTANT:** NONE  
**NMFC CLASSIFICATION:** CLASS 55

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Does not comply
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Does not comply
<b>ENCS</b>	Does not comply
<b>IECSC</b>	Does not comply
<b>KECL</b>	Does not comply
<b>PICCS</b>	Does not comply
<b>AICS</b>	Does not comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>ACUTE HEALTH HAZARD</b>	No
<b>FIRE HAZARD</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>REACTIVE HAZARD</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-	-	-	-
Hydrophobic Silica 67762-90-7	-	-	-	-

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	Hazardous Substances RQs	CERCLA/SARA RQ
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-	-
Hydrophobic Silica 67762-90-7	-	-

**US State Regulations**

**CALIFORNIA PROPOSITION 65**

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	CALIFORNIA PROPOSITION 65
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-
Hydrophobic Silica 67762-90-7	-

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

This product does not contain any substances regulated by state right-to-know regulations

HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER	New Jersey Right-to-Know List:	MA Right to Know Law:	Pennsylvania Right to Know List
Bisphenol A-Epichlorohydrin Polymer 25068-38-6	-	-	-
Hydrophobic Silica 67762-90-7	-	-	-

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**16. OTHER INFORMATION**

**NFPA RATING:** HEALTH 2 , FLAMMABILITY 2 , INSTABILITY 1  
**HMIS CLASSIFICATION:** HEALTH \*2 , FLAMMABILITY 2 , PHYSICAL HAZARD 1

**Prepared By** Santino M. Cardella  
**Revision Date** 22-Apr-2015  
**Revision Note**  
 No information available

**Disclaimer**

The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**\*\*\*END OF MSDS\*\*\***