

**Material Safety Data
Sheet**

DAISO CO., LTD.
Created: February 16, 2009

MSDS No. : US-320410-00

1. PRODUCT AND COMPANY INFORMATION

Product Name : Epichlomer C
Synonym : Epichlorohydrin ethylene oxide copolymer
General Use : Automotive uses such as hoses.
 Office Machines use such as rolls etc.
MSDS Number : US-320410-00

MANUFACTURER

Company Name : DAISO CO., LTD.
Address : 1-12-18, Awaza Nishi-ku, Osaka, 550-0011, Japan
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2. HAZARDS IDENTIFICATION

OSHA Regulatory Status : This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Emergency Overview : Light yellow-white colour solid.
Potential Health Effects : No significant health effects.
Potential Environmental Effects : No significant environmental effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt%	CAS Registry No.	Chemical Formula
Epichlorohydrin Ethylene oxide Copolymer	>97	24969-10-6	$[(C_3H_5C_1O)_m(C_2H_4O)_n]$

4. FIRST AID MEASURES

Inhalation : When exposed to fume, vapor, dust or other chemicals generating while processing it, remove to fresh air, if not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Eye : When exposed to fume, vapour, dust or other chemicals generating while processing it, immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

- Skin** : When exposed to fume, vapour, dust or other chemicals generating while processing it, immediately wash skin with soap and plenty of water. Get medical attention if symptoms occur.
- Ingestion** : Unlikely. Contact physician if unusual reaction is noted.

5. FIRE FIGHTING MEASURES

- Flammable Properties** : Material will burn in a fire, releasing the toxic fumes of hydrogen chloride and others.
- Extinguishing Media** : Water fog, foam, or dry chemical.
- Protection of Firefighters** : Fire fighters must wear full protective gear including eye protection and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions** : Use personal protection recommended in Section 8.
- Environmental Precautions** : See section 12.
- Methods for Containment** : See Method for Clean-up.
- Methods for Clean-up** : Vacuum or sweep material and place in a disposal container.
- Other Information** : Do not discharge into drains or the environment, dispose to an authorized waste collection point.

7. HANDLING AND STORAGE

- Handling** : When handling and/or applying this product:
-Wear long sleeves, gloves and cap.
-Wear eye protection (goggles, safety glasses)
After handling and/or applying this product:
-Bathe with soap and warm water.
-Wash work clothes separately and rinse washer and rinse washer use.
- Storage** : Should be stored indoors out of direct sunlight in a cool and well ventilated place.
Keep away from open flames, and defective electric wiring or equipment, etc.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Limit Values**
- OSHA PEL** : Not Established.
- ACGIH TLV** : Not Established.
- Exposure Controls**
- Engineering Controls** : Use exhaust ventilation
- Personal Protection**
- Eye Protection** : Goggles
- Respiratory Protection** : Use a dust respirator.
- :

General Hygiene : Not available
Condsiderations
Environmental : Not available
Exposure Controls

9. PHYSICAL AND CHEMICAL PREPERTIES

Appearance

Physical State : Solid
Color : Light yellow-white colour
Odour : Slight smell
pH : Not applicable
Boilig Point/Boiling : Not applicable

Range

Melting Point/Melting : Not available
Range
Flash Point : Not available
Evaporation Rate : Not applicable
Flammability : Not available
Upper/Lower Flammability : Not available
or Explosive Limits
Oxidizing Properties : Not available
Vapor Pressure : Not applicable
Vapor density : Not applicable
Specific Gravity or : 1.26-1.30 g/cm³

Relative Density

Solubility : Not available
Partition Coefficient : Not available
(n-octanol/Water)
Auto-ignition : Not available
Temperature
Decomposition : Not available
Temperature
Viscosity : Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability : Stable
Conditions to Avoid : Elevated temperature
Incompatible Materials : Strong Oxidizers
Hazardous Decomposition : Burning liberates CO, CO₂, HCl, and undetermined pyrolysis
Products : products of decomposition.
Possibility of : Not available
Hazardous Reactions

11. TOXICOLOGICAL INFORMATION

Acute Toxicity : Not available
Repeated Dose Toxicity : Not available

Eye Irritation : Not available
Skin Irritation : Not available
Sensitization (skin and respiratory) : Not available
Carcinogenicity : Not available
Mutagenicity : Not available
Reproductive and Developmental Toxicity : Not available
Target Organ Effects : Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity : Not available
Persistence : Not available
/Degradability
Bioaccumulation : Not available
/Accumulation
Mobility in Environmental Media : Not available
Other Adverse Effects : Not available

13. DISPOSAL

CONSIDERATION

: Waste from residuals:
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Comply with federal, state and local regulations .

Do not dump this product into sewers, on the ground or into any body of water .

14. TRANSPORT INFORMATION

US Department of Transportation (DOT)

Hazardous Materials : Not applicable
IMDG
Class : Not applicable
ICAO/IATA
Class : Not applicable

15. REGULATORY INFORMATION

OSHA Status : Not Applicable
TSCA Status : This product is listed on the TSCA Inventory.
CERCLA Reportable Quantity (40 CFR 117, 302) : Not Applicable
SARA Title III
Section 302 (40 CFR 355) : Not Applicable
Section 311/312 (40 CFR 370) : Not Applicable
Section 313 (40 CFR 372) : Not Applicable
Please refer to any other federal, state and local regulations .

16. OTHER INFORMATION

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