Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015 Date of issue: 11/12/2020 Revision date: 11/12/2020 Version: 2.0

SECTION 1: Identification	
I.1. Identification	
Product form	: Mixture
Product name	: C-Poxy 5; C-Poxy 15; C-Poxy 30; C-Tough Metal; C-Tough (Part A)
Product code	: CP5-R
I.2. Relevant identified uses of the st	ubstance or mixture and uses advised against
Use of the substance/mixture	: General purpose fast setting epoxy resin
Restrictions on use	: Not suitable for use with: Polytetrafluoroethylene (PTFE), Polypropylene, Polyethylene, Rubbers
1.3. Details of the supplier of the safe	ety data sheet
Manufacturer Chemical Engineering Canada Corporation 3110-580 Seaborne Ave Port Coquitlam BC, V3B8G8 - Canada T 6044572000 info@ceccorp.ca	Distributor Add the name, address and tel. number of the US manufacturer or importer who operates in the US
1.4. Emergency telephone number	
Emergency number	: 6043494141 (9 AM – 5 PM PST)
SECTION 2: Hazard identification	
2.1. Classification of the substance of	r mixture
GHS classification	
Skin Irrit. 2 Skin Sens. 1 Eye Irrit. 2A	
2.2. Label elements	
GHS labelling	
Hazard pictograms (GHS) Signal word (GHS) Hazard statements (GHS) Precautionary statements (GHS)	 GHS07 Warning Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. 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. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international
	regulation.
2.3. Other hazards	
No additional information available	
No additional information available	
No additional information available 2.4. Unknown acute toxicity Not applicable	regulation.
No additional information available 2.4. Unknown acute toxicity Not applicable SECTION 3: Composition/informa	regulation.
No additional information available 2.4. Unknown acute toxicity Not applicable SECTION 3: Composition/informa 3.1. Substances	regulation.
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Name	Product identifier	%
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	(CAS-No.) 25085-99-8	80 - 100
Phenol, polymer with formaldehyde, glycidyl ether	(CAS-No.) 28064-14-4	5 - 13

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

and easy to do. Continue rinsing. If eye irritation persists: Cett medical advice/attention. First-aid measures after ingestion :: Do not induce vomiting without medical advice/attention if you feel unwell. 2. Most important symptoms and effects. both acute and delayed Symptoms/effects after inslation :: May cause infraitation. Symptoms may include redness, drying, defatting and cracking of the sistin. May cause an allergic skin reaction. Symptoms/effects after eye contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the sistin. May cause an allergic skin reaction. Symptoms/effects after eye contact : Causes are induced effects. Symptoms may include fector opinotiva. Symptoms/effects after ingestion : May be harmul if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. 3. Indication of any immedical attention and special treatment needed Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). ECETION 5: Fire-fighting measures : Water spray or fog. Dry chemical. Carbon dioxide (CO2). Foam. Alcohol resistant foam. Usuitable extinguishing media : Do not use a direct water stream. Syptoins/effects affer ingestion : Water spray or fog. Dry chemical. Carbon dioxide (CO2). Foam. Alcohol resistant foam. Usuitable extinguishing media : Do not use a direct water stream. <	First-aid measures after inhalation : If bre breat First-aid measures after skin contact : IF ON reuse First-aid measures after eye contact : IF IN and e First-aid measures after ingestion : Do no uncon 2. Most important symptoms and effects, both and Symptoms/effects after inhalation : May e	hing. Get medical advice/attention if you feel unwell. N SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before a. If skin irritation or rash occurs: Get medical advice/attention. EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. ot induce vomiting without medical advice. Never give anything by mouth to an nscious person. Get medical advice/attention if you feel unwell. cute and delayed cause irritation to the respiratory tract.
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other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.		
Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.	other	appropriate material), then place in suitable container. Do not flush into surface water or
	Methods for cleaning up : Swee	p or shovel spills into appropriate container for disposal. Provide ventilation.
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Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

6.4. **Reference to other sections**

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.
Precautions for safe handling	: Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
Hygiene measures	: Wash contaminated clothing before reuse. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace.
7.2. Conditions for safe storage, includir	g any incompatibilities
Storage conditions	: Keep out of the reach of children. Keep container tightly closed.
Storage temperature	: 2 - 43 °C (36 - 109 °F)

: 2 - 43 °C (36 - 109 °F)

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Oxirane, 2,2'-[(1-methylethylid	lene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer (25085-99-8)
Not applicable	
Phenol, polymer with formald	ehyde, glycidyl ether (28064-14-4)
Not applicable	

8.2. **Exposure controls**

Appropriate engineering controls	: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations.
Hand protection	 Wear suitable gloves resistant to chemical penetration. Examples of preferred glove barrier materials include: Butyl rubber gloves. Neoprene or nitrile rubber gloves. PVC gloves.
Eye protection	: Wear eye/face protection.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Avoid release to the environment.
Other information	 Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties	
9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Appearance	: Cloudy
Colour	: Cloudy
Odour	: Weak epoxy odour
Odour threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 93.3 °C (199.94 °F)
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C (68 °F)	: No data available
Relative density	: No data available
Solubility	: Water: Insoluble

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 14000 – 18000 cP @ 25 °C (77 °F)
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity	
No dangerous reactions known under norm	al conditions of use.
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reaction	ons
No dangerous reactions known under norm polymerization with significant heat buildup.	al conditions of use. A mass of more than one pound of product plus an aliphatic amine will cause irreversible
10.4. Conditions to avoid	
Heat. Incompatible materials.	
10.5. Incompatible materials	
Oxidizing materials. Acids. Bases. Amines.	
10.6. Hazardous decomposition prod	lucts
May include, and are not limited to: oxides	
SECTION 11: Toxicological infor	mation
11.1. Information on toxicological ef	
Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

: May cause long-term adverse effects in the aquatic environment.

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

C-Poxy 5; C-Poxy 15; C-Poxy 30 C-Tough M	etal: C-Tough Part A
Persistence and degradability	Not established.
2.3. Bioaccumulative potential	
C-Poxy 5; C-Poxy 15; C-Poxy 30 C-Tough M	
Bioaccumulative potential	Not established.
2.4. Mobility in soil	
o additional information available	
2.5. Other adverse effects	
Other information	: No other effects known.
ECTION 13: Disposal consideration	3
3.1. Waste treatment methods	
Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance
	with local, regional, national and/or international regulation.
ECTION 14: Transport information	
Department of Transportation (DOT) and Trar n accordance with DOT/TDG	isportation of Dangerous Goods (TDG)
JN-No.(DOT/TDG)	: UN3082
Proper Shipping Name (DOT/TDG)	: Environmentally hazardous substances, liquid, n.o.s. (mercaptan terminated polymer)
Class (DOT/TDG)	: Class 9 - Miscellaneous hazardous material 49 CFR 173.140
Packing group (DOT/TDG)	: III
Hazard labels (DOT/TDG)	
Marine pollutant	: Yes (IMDG only)
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Fransport by sea	
n accordance with IMDG	
JN-No. (IMDG)	: 3082
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (mercaptan terminated polymer)
Class (IMDG)	: Miscellaneous dangerous substances and articles
Packing group (IMDG)	: III
Danger labels (IMDG)	
	<u>«</u>

: Yes (IMDG only)

Marine pollutant

11/12/2020

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Transport by air

In accordance with IATA UN-No. (IATA) Proper Shipping Name (IATA) Class (IATA) Packing group (IATA) Danger labels (IATA)

- : 3082
- : Environmentally hazardous substance, liquid, n.o.s. (mercaptan terminated polymer)
- : Miscellaneous Dangerous Goods



SECTION 15: Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Revision date Other information Prepared by

- : 11/12/2020
- : None.
- : Nexreg Compliance Inc. www.Nexreg.com



SDS HazCom 2012 - WHMIS 2015 (NexReg)

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