



SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label
Endcor 772B
Product Code (s): 772B
Recommended use of the chemical and restrictions on use:
Long term protection against corrosion under extreme conditions
Use pattern: Professional Use Only
Recommended restrictions: None Known.
Chemical family: Mixture.

Manufacturer:
Dampney Company, Inc.
85 Paris Street
Everett, Massachusetts, U.S.A. 02149
Email: sales@dampney.com
Telephone # : (617) 389-2805
24 Hr. Emergency Tel # Chemtrec 1-800-424-9300 (Within Continental U.S.)
Chemtrec 703-527-3887 (Outside U.S.).

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical
Aluminum liquid Solvent odor.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200).

Classification:
Skin corrosion/irritation – Category 2
Serious eye damage/eye irritation – Category 2A
Skin sensitization – Category 1
Aquatic Hazard (long term) – Category 2

Label elements
Label: GHS 07 Exclamation Mark, GHS 09 Environment



Signal Word: Warning.

Hazard statement(s)
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)
P261 Avoid breathing dust, fume, gas, mist, vapours, or spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.

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



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P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

STORAGE:

P403 + P233 + P235 (S) Store in a cool, well-ventilated place. Keep container tightly closed.

DISPOSAL:

P501 Dispose of contents and empty container in accordance with local, state and federal regulations.

Other hazards

Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS #	Concentration (% by weight)
Epoxy Resin	25068-38-6	100.0

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory

** SPECIAL REMARKS ON ABOVE LISTED INGREDIENTS **

None

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER, doctor or hospital emergency room.

IF ON SKIN: Wash with plenty of water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTER, doctor, or hospital emergency room if you feel unwell.

Rinse mouth. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

SECTION 5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

Use an extinguishing agent suitable for the surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES:

Use full protection equipment including self-contained breathing apparatus(NIOSH approved) for respiratory protection in fighting fires in enclosed or confined spaces, or as otherwise needed. Minimize breathing gases, vapors, fumes or decomposition products.

UNUSUAL FIRE & EXPLOSION HAZARDS:

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:



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Before attempting cleanup, refer to hazard caution information in other sections of this sheet. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Large spills - notify safety personnel. Wear appropriate respirator and protective clothing. Soak up with an absorbent, I.E. sand, clay, or other suitable material. Place in non-leaking containers and seal tightly for proper disposal. Ventilate confined spaces. Minimize breathing vapors. Open all windows and doors. Minimize skin contact. Keep product out of sewers and water courses by diking and impounding.

Small spills - take up with absorbent material and place in non-leaking containers for proper disposal.

WASTE DISPOSAL METHOD:

Assure conformity with applicable federal, state and local regulations.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING, TRANSPORTATION, AND STORING:

Store in cool, well-ventilated, fire resistant storage area. Protect containers against physical damage. Use only with adequate ventilation. Keep containers closed when not in use. Do not breathe vapor or mist. Avoid contact with eyes, skin and clothing. Do not take internally.

INCOMPATIBILITY:

None known.

CONDITIONS TO AVOID:

None known.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Chemical Name	OSHA TWA	OSHA PEL	OSHA STEL
Bisphenol A epoxy resin	n/a	n/a	n/a

Exposure controls

VENTILATION:

Provide sufficient ventilation to keep air contaminant concentration below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

RESPIRATORY PROTECTION:

Use NIOSH approved respirator as required to prevent overexposure.

PROTECTIVE GLOVES:

Use chemical-resistant gloves to prevent skin contact.

EYE PROTECTION:

Use chemical splash goggles or face shield to prevent eye contact.

OTHER PROTECTIVE EQUIPMENT:

Use chemical-resistant or other protective outerwear to protect against clothing contamination and skin contact.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Appearance/Color:	Colorless
Odor:	Slight
Flash Range:	392.0°F
Explosive Range:	Not Available
	Not Available
pH Value:	7[Conc. (% w/w):50%
Boiling Range:	392.0°F
Melting Point:	Not Applicable
Evaporation Rate:	Not Available
Vapor Density:	Not available
Partition Coefficient:	Not Available
Specific Gravity:	1.16

SECTION 10. STABILITY AND REACTIVITY



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Stability:

This product is stable

Hazardous Polymerization:

Hazardous polymerization will not occur

Incompatibility:

No data available.

Conditions to avoid:

No data available.

Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Primary route(s) of entry:

(X) Dermal (X) Inhalation () Ingestion

Acute (short term) exposure:

Inhalation – No known effects.

Skin contact – Causes skin irritation. My cause an allergic skin reaction.

Eye contact - Causes serious eye irritation.

Ingestion – Irritating to mouth, throat and stomach.

Other important toxicological hazards:

None known or reported by the manufacturer

Chemical name	LC50(4hr) Inhalation rat	LD50	
		(Oral, rat)	(Rabbit, dermal)
Epoxy Resin	LC0 .00001 ppm	>2,000 mg/kg	>2,000 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: Contains material that may be harmful in the environment. Should not be released into the environment. See the following tables for the substance's ecotoxicity data.

Ecotoxicity data:

Ingredients	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Epoxy Resin	25068-38-6	1.5 mg/l	n/a	n/a

Ingredients	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Epoxy Resin	25068-38-6	1.7 mg/l	n/a	n/a

Ingredients	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Epoxy Resin	25068-38-6	9.4 mg/l	n/a	n/a

Persistence and degradability



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: NO data is available.

Bioaccumulation potential
 : NO data is available.

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Epoxy Resin	3.8	n/a

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal:
 Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal: Dispose in accordance with all applicable regulations.

SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	N/A	Paint, non-regulated			
Additional information	This product is not regulated as a dangerous good when transported by road or rail. Non-bulk packages of this product are not regulated as hazardous materials unless transported by inland waterway. The marine pollutant mark is required when transported on inland waterways in sizes of >5L or > 5kg.				
TDG	N/A	Paint, non-regulated			
Additional information	This product is not regulated as a dangerous good when transported by road or rail.				
IMDG	N/A	Paint, non-regulated			
Additional information	The marine pollutant mark is not required when transported in sizes of ≤5L or ≤5kg.				
ICAO/IATA	N/A	Paint, non-regulated			
Additional information	The environmentally hazardous substance mark is not required when transported in sizes of ≤5L or ≤5kg.				

SECTION 15 - REGULATORY INFORMATION

US Federal Information:
 Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity (RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Epoxy Resin	25068-38-6	Yes	n/a	None	No	NS

SARA TITLE III: Sec. 311 and 312: Immediate (acute) health hazard.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:



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Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists		
		Listed	Type of Toxicity	MA	NJ	PA
Epoxy Resin	25068-38-6	No	N/Ap	No	No	No

Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).
WHMIS Classification: See Section 2.

International Information:

All components are listed or exempted in the following countries:
Australia, China, Japan, Korea, New Zealand, and Philippines.

SECTION 16. OTHER INFORMATION

Legend: ACGIH: American Conference of Governmental Industrial Hygienists
AICS: Australian Inventory of Chemical Substances
CA: California
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
CSA: Canadian Standards Association
DOT: Department of Transportation
EC50: Effective Concentration 50%.
EINECS: European Inventory of Existing Commercial chemical Substances
ENCS: Existing and New Chemical Substances
EPA: Environmental Protection Agency
HMIS: Hazardous Materials Identification System
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IECSC: Inventory of Existing Chemical Substances
IMDG: International Maritime Dangerous Goods
Inh: Inhalation
KECI: Korean Existing Chemicals Inventory
KECL: Korean Existing Chemicals List
LC: Lethal Concentration
LD: Lethal Dose
N/Ap: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NJ: New Jersey
NIOSH: National Institute of Occupational Safety and Health
NOEC: No observable effect concentration
NTP: National Toxicology Program
OECD: Organization for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
PICCS: Philippine Inventory of Chemicals and Chemical Substances
RCRA: Resource Conservation and Recovery Act
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TPQ: Threshold Planning Quantity
TSCA: Toxic Substance Control Act
TWA: Time Weighted Average
WHMIS: Workplace Hazardous Materials Identification System



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SDS Preparation Date (mm/dd/yyyy): 09/06/2016

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References:

Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2015 (Chempendium, RTECs, HSDB, INCHEM).
OECD- The Global Portal to Information on Chemical Substances - eChemPortal, 2015
European Chemicals Agency, Classification Legislation, 2015 Material Safety Data Sheet from manufacturer.

Preparation Date (mm/dd/yyyy): 09/06/2016

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

The information and recommendations contained herein are based on data believed to be correct. However, Dampney makes no warranty expressed or implied regarding the accuracy of these data or results to be obtained from the use thereof. Dampney assumes no responsibility for personal injury or property damage caused by use of the material described herein. It is the responsibility of the purchaser or user to ensure that this material is properly and safely used.

END OF DOCUMENT