



SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label
Endcor 700C A
Product Code (s): 700C A
Recommended use of the chemical and restrictions on use:
Chemical Resistant Coating
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
Suppliers 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
White liquid Solvent odor.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Classification:
Flammable Liquids - Category 2
Acute toxicity, Oral – Category 5
Acute toxicity, Inhalation – Category 4
Skin Irritation - Category 2
Skin Sensitizer – Category 1
Eye irritation – Category 2A
STOT, single exposure – Category 3, NE
STOT, single exposure – Category 3, RTI
Acute aquatic toxicity – Category 3

WHMIS: B2, D2B

Label elements
Label: GHS 02 Flame, GHS 07 Exclamation Mark



Signal Word: Warning.

Hazard statement(s)
H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
Precautionary statement(s)
P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P233 Keep container tightly closed.



SAFETY DATA SHEET

P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, lighting, mixing, application equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
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.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or hospital emergency room.
P302 + P352 IF ON SKIN: Wash with plenty of water.
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.
P312 Call a POISON CENTER, doctor, or hospital emergency room if you feel unwell.
P330 Rinse mouth.
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.
P370 + P378 In case of fire: Use dry chemical, CO₂, water spray (fog) or foam to extinguish.

STORAGE:

P403 + P233 + P235 (S) Store in a cool, well-ventilated place. Keep container tightly closed.
P405 Store locked up.

DISPOSAL:

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

Other hazards

Other hazards which do not result in classification: May be sensitive to static discharge. Burning produces obnoxious and toxic fumes. Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS #	Concentration (% by weight)
Epoxy Resin	25068-38-6	15.0 - 25.0
Tertiary Butyl Acetate	540-88-5	10.0 – 15.00
Para-Chlorobenzotrifluoride	98-56-6	5.0 – 10.0
Methyl Amyl Ketone	110-43-0	1.0 – 5.0
Xylene	1330-20-7	1.0 – 5.0

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

** SPECIAL REMARKS ON ABOVE LISTED INGREDIENTS **

Contains epichlorohydrin (< 5 ppm) as a trace chemical.
ACGIH TLV not established
OSHA PEL not established

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

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



SAFETY DATA SHEET

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:

Foam, alcohol foam, CO₂, dry chemical, water fog may be ineffective but should be used to cool fire-exposed containers to prevent pressure build up and possible auto-ignition or explosion when exposed to extreme heat.

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:

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. Eliminate potential sources of ignition. 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. Observe precautions for volatile, combustible vapors from absorbed material.

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:

CAUTION! FLAMMABLE! Handling and storage conditions must be suitable for OSHA CLASS I flammable liquid. Store in cool, well-ventilated, fire resistant storage area. Protect containers against physical damage. Keep away from heat, flame, and strong oxidizing agents. Do not store above 100 degrees F. 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. Bond and ground containers of this material when pouring to avoid static sparks which create a fire hazard.

INCOMPATIBILITY:

Avoid contact with strong oxidizing agents, acids or bases.

CONDITIONS TO AVOID:

Avoid heat, open flames.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Chemical Name	OSHA TWA	OSHA PEL	OSHA STEL
Epoxy Resin	n/a	n/a	n/a
Tertiary Butyl Acetate	n/a	n/a	n/a
Para-Chlorobenzotrifluoride	n/a	n/a	n/a
Methyl Amyl Ketone	50 ppm	100 ppm 465 mg/m ³	n/a



SAFETY DATA SHEET

Xylene	100 ppm	n/a	150 ppm
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Exposure controls

VENTILATION:

Provide sufficient ventilation to keep air contaminant concentration below current applicable OSHA permissible exposure limit or ACGIH's TLV limit. No smoking or open lights.

RESPIRATORY PROTECTION:

Use NIOSH approved respirator as required to prevent overexposure.
Unconfined spaces - use a vapor/particulate respirator such as NIOSH approved No. TC-23C.
Confined spaces - use a constant flow air-line respirator such as NIOSH approved NO. TC-19C.

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:	White
Odor:	Solvent
Flammability Class:	1B
Flash Range:	40.0°F – 109°F
Explosive Range:	Pensky-Martens Closed Cup ASTM D 93 0.9% 10.5%
pH Value:	Not Applicable
Boiling Range:	205.0°F 282.0°F
Melting Point:	Not Applicable
Evaporation Rate:	0.268 times faster than n-Butyl Acetate
Vapor Density:	Heavier than air
Partition Coefficient:	Not Available
% Volatile Weight:	22.0%
% Volatile Volume:	41.0%
Specific Gravity:	1.71951
Weight/Gallon:	14.0 lbs
VOC:	1.05 LBS/GAL
Heavy Elements (ppm)	0.

SECTION 10. STABILITY AND REACTIVITY

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:

Avoid contact with strong oxidizing agents, acids or bases.

CONDITIONS TO AVOID:

Avoid heat, open flames.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and unidentified organics may be formed.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:



SAFETY DATA SHEET

Primary route(s) of entry:

(X) Dermal (X) Inhalation () Ingestion

Acute (short term) exposure:

Inhalation - excessive inhalation of vapors can cause nasal and respiratory irritation, CNS effects including dizziness, weakness, nausea, headache, possible unconsciousness, and even death.

Skin contact - prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis.

Eye contact - can cause severe irritation, redness, tearing, and blurred vision.

Ingestion - can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

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	>2000 mg/kg
Tertiary Butyl Acetate	12.52 mg/kg	4500 mg/kg	2000 mg/kg
Para-Chlorobenzotrifluoride	33 mg/l	13,000 mg/kg	3,300 mg/kg
Methyl Amyl Ketone	n/a	1600 mg/kg	>2,000 mg/kg
Xylene	6,700 ppm	3,523 mg/kg	1,100 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
Tertiary Butyl Acetate	540-88-5	n/a	n/a	n/a
Para-Chlorobenzotrifluoride	98-56-6	3 mg/l	n/a	n/a
Methyl Amyl Ketone	110-43-0	131 mg/l	n/a	n/a
Xylene	1330-20-7	2.6 mg/l	Na/	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



SAFETY DATA SHEET

Tertiary Butyl Acetate	540-88-5	n/a	n/a	n/a
Para-Chlorobenzotrifluoride	98-56-6	2 mg/l	n/a	n/a
Methyl Amyl Ketone	110-43-0	n/a	n/a	n/a
Xylene	1330-20-7	1 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
Tertiary Butyl Acetate	540-88-5	16 mg/l	n/a	n/a
Para-Chlorobenzotrifluoride	98-56-6	>0.41 mg/l	n/a	n/a
Methyl Amyl Ketone	110-43-0	n/a	n/a	n/a
Xylene	1330-20-7	4.36 mg/l	n/a	n/a

Persistence and degradability
 : NO data is available on the product itself.

Bioaccumulation potential
 : NO data is available on the product itself.

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Epoxy Resin	3.8	n/a
Tertiary Butyl Acetate	1.64	5.61
Para-Chlorobenzotrifluoride	3.7	n/a
Methyl Amyl Ketone	1.98	n/a
Xylene	3.12 – 3.2	0.6 - 15

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



SAFETY DATA SHEET

49CFR/DOT	UN1263	Paint	3	II	
Additional information	When transported as a limited quantity the maximum net capacity specified in 173.150(b)(2) of the subchapter 49CFR for inner packagings may be increased to 5L (1.3 gallons) 172.102(C)(1)(149) special provision 149.				
TDG	UN1263	Paint	3	II	
Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
IMDG	UN1263	PAINT	3	II	
Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
ICAO/IATA	UN1263	Paint	3	II	
Additional information	Refer to ICAO/IATA Packing Instruction.				

Special precautions for user: Keep away from heat, sparks and open flame. - No smoking.
 Environmental hazards: See ECOLOGICAL INFORMATION, Section 12.

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
Tertiary Butyl Acetate	540-88-5	Yes	n/a	None.	No	NS
Para-Chlorobenzotrifluoride	98-56-6	Yes	n/a	None.	No	NS
Methyl Amyl Ketone	110-43-0	Yes	n/a	None.	No	NS
Xylene	1330-20-7	Yes	1000	None	No	NS

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Acute Health Hazard; Chronic Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Epoxy Resin	25068-38-6	No	N/Ap	No	No	No	No	No	No
Tertiary Butyl Acetate	540-88-5	No	N/Ap	No	No	No	No	No	No
Para-Chlorobenzotrifluoride	98-56-6	No	N/Ap	No	No	No	Yes	Yes	No
Methyl Amyl Ketone	110-43-0	No	N/Ap	No	No	No	No	No	No



SAFETY DATA SHEET

Xylene	1330-20-7	Yes	Cancer	No	No	No	No	No	No
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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:

Components listed below are present on the following International Inventory list:

Ingredients	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	New Zealand IOC
Epoxy Resin	25068-38-6		Present	Present	Present	Present	Present	Present
Tertiary Butyl Acetate	540-88-5	208-760-7	Present	Present	Present	Present	Present	Present
Para-Chlorobenzotrifluoride	98-56-6		Present	Present	Present	Present	Present	Present
Methyl Amyl Ketone	110-43-0	203-767-1	Present	Present	Present	Present	Present	Present
Xylene	1330-20-7		Present	Present	Present	Present	Present	Present

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



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Endcor 700C A
SDS Preparation Date (mm/dd/yyyy): 10/13/2016

Page 9 of 9

SAFETY DATA SHEET

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

References:

Canadian Centre for Occupational Health and Safety, CCIInfoWeb 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): 8/31/2015

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