



## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label  
Endcor 700C B  
Product Code (s): 700C B  
Recommended use of the chemical and restrictions on use:  
Chemical Resistant Primer 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  
Amber 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:  
Acute toxicity, Oral – Category 4  
Skin Corrosion/irritation – Category 2  
Serious eye damage/eye irritation – Category 1  
Skin Sensitizer – Category 1  
Aquatic hazard (long term) – Category 2

WHMIS: D2B

Label elements  
Label: GHS 05 Corrosion, GHS 07 Exclamation Mark, GHS 09 Environment

Signal Word: Danger



#### PREVENTION:

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.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves, protective clothing, eye protection, and face protection.

#### RESPONSE:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or hospital emergency room.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER, doctor, or hospital emergency room.  
P321 Specific treatment see first aid on this label.  
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.



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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

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS #	Concentration (% by weight)
Polyamide Resin	68410-23-1	50.0 - 70.0
Benzyl Alcohol	100-51-6	20.0 - 30.00
Triethylenetetramine	112-24-3	1.0 – 5.0

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

## SECTION 4. FIRST-AID MEASURES

### Description of first aid measures

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. If eye irritation persists: Get medical advice/attention.

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

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

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 skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: 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.



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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:

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits:

Chemical Name	OSHA TWA	OSHA PEL	OSHA STEL
Polyamide Resin	n/a	n/a	n/a
Benzyl Alcohol	n/a	n/a	n/a
Triethylenetetramine	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. 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	: Amber
Odor	: Ammonia like
Flammability Class	: Not applicable
Flash Range	: 219.2°F
	: Pensky-Martens Closed Cup ASTM D 93
Explosive Range	: Not applicable



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pH Value : Not applicable  
Boiling Range : 392.0°F  
Melting Point : Not applicable  
Evaporation Rate : Not available  
Vapor Density : Not available  
Partition Coefficient : Not available  
% Volatile Weight : Not applicable  
% Volatile Volume : Not applicable  
Specific Gravity : 1.01  
Weight/Gallon : 8.428858 lbs  
VOC : Not applicable  
Heavy Elements (ppm) : 0.0

#### SECTION 10. STABILITY AND REACTIVITY

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

INCOMPATIBILITY:  
None

CONDITIONS TO AVOID:  
None

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 (X) Ingestion

Acute (short term) exposure:

Inhalation - Excessive inhalation of vapors can cause nasal and respiratory irritation.

Skin contact - Prolonged or repeated contact can cause moderate irritation. May cause an allergic skin reaction.

Eye contact - Causes serious eye damage.

Ingestion - Harmful if swallowed. May cause burns 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)	(Rat, dermal)
Polyamide Resin	n/a	>2 g/kg	>2,000 mg/kg
Benzyl Alcohol	>4,178 mg/kg	1,620 mg/kg	n/a
Triethylenetetramine	n/a	1,716.2 mg/kg	n/a

#### SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: Contains material that may be harmful in the environment. Should not be released into the environment. See the



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following tables for the substance's ecotoxicity data.

*Ecotoxicity data:*

Ingredients	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Polyamide Resin	68410-23-1	7.07 mg/l	n/a	n/a
Benzyl Alcohol	100-51-6	460 mg/l	n/a	n/a
Triethylenetetramine	112-24-3	330 mg/l	n/a	n/a

Ingredients	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Polyamide Resin	68410-23-1	5.18 mg/l	n/a	n/a
Benzyl Alcohol	100-51-6	230 mg/l	n/a	n/a
Triethylenetetramine	112-24-3	n/a	n/a	n/a

Ingredients	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Polyamide Resin	68410-23-1	4.11 mg/l	n/a	n/a
Benzyl Alcohol	100-51-6	770 mg/l	n/a	n/a
Triethylenetetramine	112-24-3	n/a	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)
Polyamide Resin	n/a	1.85 to 2.69
Benzyl Alcohol	1.1	1
Triethylenetetramine	-2.65	99

**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.



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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		Limited Quantity			
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		Limited Quantity			
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		Limited Quantity			
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	UN3082	Environmentally hazardous substance, liquid, n.o.s. (DIMER FATTY ACID (C18) POLYAMIDOAMINE RESIN)	9	III	 
Additional information	Refer to ICAO/IATA Packing Instruction.				

**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
Polyamide Resin	68410-23-1	Yes	n/a	None	No	NS
Benzyl Alcohol	100-51-6	Yes	n/a	None.	No	NS
Triethylenetetramine	112-24-3	Yes	n/a	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
Polyamide Resin	68410-23-1	No	N/Ap	No	No	No	No	No	No
Benzyl Alcohol	100-51-6	No	N/Ap	No	No	No	No	No	No
Triethylenetetramine	112-24-3	No	N/Ap	No	No	No	No	Yes	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
Polyamide Resin	68410-23-1	614-452-7	Listed or exempt	Not determined	Not determined	Not determined	Not determined	Listed or exempt
Benzyl Alcohol	100-51-6	202-859-9	Listed or exempt	Not determined	Not determined	Not determined	Not determined	Listed or exempt
Triethylenetetramine	112-24-3	203-950-6	Listed or exempt	Not determined	Not determined	Not determined	Not determined	Listed or exempt

## 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



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WHMIS: Workplace Hazardous Materials Identification System

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): 07/29/2016

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.

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