

Endcor 772A
SDS Preparation Date (mm/dd/yyyy): 06/02/2018

Page 1 of 14

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

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

Name, address, and telephone number of the manufacturer:

Dampney Company, Inc.

85 Paris Street

Everett, Massachusetts, U.S.A. 02149

Email : sales@dampney.com

Supplier's 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

Black 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 Liquid – Category 3

Skin Irritation – Category 2

Eye irritation – Category 2

Specific Target Organ Toxicity - Single Exposure – Category 3 (Respiratory system)

Specific Target Organ Toxicity – Repeated Exposure – Category 1 (Respiratory)

Carcinogen – 1A

Reproductive – 1A

Mutagen – 1B

Hazard Not Otherwise Classified – Causes skin irritation in the presence of sunlight / UV rays.

Label elements

Hazard pictogram(s)



Signal Word

DANGER!

Hazard statement(s)

H226 Flammable liquid and vapour.

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

H340 May cause genetic defects.



SAFETY DATA SHEET

H350 May cause cancer (Skin, Lungs, Bladder, Kidneys, Other).
H360 May damage fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to lung through prolonged or repeated exposure inhalation.
Causes skin irritation in the presence of sunlight / UV rays.

Precautionary statement(s)

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P233 Keep container tightly closed.
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.
P260 Do not breathe 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.
P284 [In case of inadequate ventilation]wear respiratory protection.

Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or hospital emergency room.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P310 Immediately call a POISON CENTER, doctor, or hospital emergency room.
P312 Call a POISON CENTER, doctor, or hospital emergency room if you feel unwell.
P330 Rinse mouth.
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

No OSHA defined hazard classes.
Other hazards which do not result in classification: May be sensitive to static discharge. Burning produces obnoxious and toxic fumes. Direct eye or skin contact may cause burns. Ingestion can cause gastrointestinal irritation, nausea, and diarrhea. Environmental precautions: Avoid release to the environment. See ECOLOGICAL INFORMATION, Section 12.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS #	Concentration (% by weight)
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85 Paris Street
Everett, Massachusetts, U.S.A.02149
Email: sales@dampney.com
Telephone: (617) 389 2805

Endcor 772A
SDS Preparation Date (mm/dd/yyyy): 06/02/2018

Page 3 of 14

SAFETY DATA SHEET

Coal tar	8007-45-2	20.0 – 30.0
Polyamide polymer	N/A	10.0 – 15.0
Xylenes	1330-20-7	5.0 - 10.0
Respirable free silica	14808-60-7	1.0 – 5.0
Ethyl benzene	100-41-4	1.0 – 5.0



Endcor 772A
SDS Preparation Date (mm/dd/yyyy): 06/02/2018

SAFETY DATA SHEET

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

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Liquid

SECTION 4. FIRST-AID MEASURES

Category 3

Description of first aid measures

Ingestion

: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting. Material is an aspiration hazard. Guard against aspiration into lungs by having the individual turn on their left side. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

Hazardous combustion products

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Inhalation

: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.

Skin contact

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

Eye contact

: In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

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Most important symptoms and effects, both acute and delayed

: May cause respiratory irritation. Symptoms may include upper respiratory irritation, coughing and breathing difficulties. May cause drowsiness and dizziness. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. Causes skin burns. Direct eye contact may cause burns. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Suspected of causing cancer.

Indication of any immediate medical attention and special treatment needed

: Treat symptomatically. This product is a CNS depressant.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: Do not use water jet, as this may spread burning material.

Special hazards arising from the substance or mixture / Conditions of flammability

: Flammable liquid and vapor. Keep away from heat and flame. This product will accumulate static charge by flow, splashing or agitation. Vapors may travel considerable distance to a source of ignition and flash back. Vapours are heavier than air and collect in confined and low-lying areas. Product may float, and be re-ignited at the water's surface. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

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Flammability classification (OSHA 29 CFR 1910.106)



Endcor 772A
SDS Preparation Date (mm/dd/yyyy): 06/02/2018

SAFETY DATA SHEET

rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

charg e.

Special fire-fighting procedures

: Move containers from fire area if safe to do so. Use water spray to cool unopened containers. Avoid spreading burning liquid with water spray used for cooling purposes. Do not allow run-off from fire fighting to enter drains or water courses. Prevent fire extinguishing water from contaminating surface water or the ground water system. Dike for water control.

Stora ge area should be clearl y identified,

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid breathing vapour or mist. Restrict access to area until completion of clean-up. Remove all sources of ignition. All persons dealing with the clean-up should wear the appropriate personal protective equipment. For personal protection see section 8.

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Environmental precautions:

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. For large spills, dike the area to prevent spreading.

Methods and material for containment and cleaning up:

Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use only non-sparking tools. For spilled liquids: absorb spill with inert, non-combustible material such as sand, then place into suitable containers. Do not use combustible absorbents, such as sawdust. Bond and ground transfer containers and equipment to avoid static accumulation. Contaminated absorbent material may pose the same hazards as the spilled product. Pick up and transfer to properly labeled containers. Contact the proper local authorities.

Special spill response procedures:

In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887.

EPA/CERCLA Reportable quantity (RQ):

Xylene (100 lbs / 45.4 kg)
Ethylbenzene (1000 lbs / 454 kg)

Incompatible materials:

Stron

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat and flame. Use only outdoors or in a well-ventilated area. Keep container tightly closed. Bond and ground transfer containers and equipment. Use explosion-proof electrical and ventilating equipment. Use non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves and eye/face protection. Avoid breathing vapour or mist. Do not ingest. Avoid contact with skin, eyes and clothing. Avoid contact with incompatible materials. Encourage good housekeeping and personal hygiene.

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acids

and bases

SECTION 8. EXPOSURE

Exposure Limits:

Chemical Name

Conditions for safe storage:

Store in well-ventilated place. Keep cool. Store locked up. Keep container tightly closed. Store away from incompatibles and out of direct sunlight. Take measures to prevent the build up of electrostatic



Endcor 772A
SDS Preparation Date (mm/dd/yyyy): 06/02/2018

Page 6 of 14

SAFETY DATA SHEET

Coal tar	0.2 mg/m ³	N/A	0.2 mg/m ³	N/A
Polyamide polymer	N/A	N/A	N/A	N/A
Xylenes	100 ppm	150 ppm	100 ppm (435 mg/m ³)	N/Av
Respirable free silica	2 mg/m ³	N/A	15mg/m ³	N/Av
Ethylbenzene	20 ppm	N/Av	100 ppm (435 mg/m ³)	N/Av

Exposure controls

Ventilation and engineering measures:

Use only outdoors or in a well-ventilated area. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof equipment. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection:

If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable approved respiratory protection. If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

Skin protection:

Wear protective gloves. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye / face protection:

Chemical splash goggles are recommended.

Other protective equipment:

Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

General hygiene considerations:

Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use. Do not take contaminated clothing home. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Black liquid.
Odour : Solvent odor.
pH : N/Av
Melting/Freezing point : N/Av
Boiling point : 100.0° - 895.0°F
Flash point : 15.0 – 96.1°C (59.0 – 205.0°F)

Flashpoint (Method) : Closed cup
Evaporation rate (BuAe = 1) : 0.093 times slower than n-Butyl acetate
Lower flammable limit (% by vol.) : 1.0%
Upper flammable limit (% by vol.) : 7.0%
Vapour pressure: N/Av
Relative density / Specific gravity : 1.49622
Weight per gallon : 12.5 lbs
Solubility in water : N/Av



SAFETY DATA SHEET

Other solubility(ies) : N/Av
Auto-ignition temperature : N/Av
Volatiles (% by weight) : 11.0%
Volatile organic Compounds : 1.37 lbs/gal
Other physical/chemical comments : None reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not normally reactive
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : Hazardous polymerization does not occur. May be sensitive to static discharge.
Conditions to avoid : Keep away from heat, sparks and flame. Take precautionary measures against static discharge. Keep away from direct sunlight. Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials.
Incompatible materials : Strong oxidizers, acids and bases.
Hazardous decomposition products : See Section 5 (Fire Fighting Measures).

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES
Routes of entry skin & eye : YES
Routes of entry Ingestion : YES
Routes of exposure skin absorption : YES

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation:

May cause respiratory irritation. Symptoms may include sore throat, running nose and shortness of breath. Inhalation may cause headache, nausea and central nervous effects such as dizziness, coordination difficulties and unconsciousness.

Sign and symptoms ingestion:

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Causes symptoms similar to those listed for inhalation.

Sign and symptoms skin:

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: Skin Irritation - Category 2 Causes skin irritation. Symptoms may include mild redness and swelling.

Sign and symptoms eyes:

Direct eye contact may cause slight or mild, transient irritation.

Potential Chronic Health Effects:

Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

Mutagenicity:

Not expected to be mutagenic in humans.

Carcinogenicity:

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: Carcinogenicity - Category 2 Suspected of causing cancer. Contains Ethylbenzene. Ethylbenzene is classified as carcinogenic by IARC (Group 2B) and ACGIH (Category A3).

Reproductive effects & Teratogenicity:

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: Reproductive Toxicity - Category 2 Suspected of damaging the unborn child.

Sensitization to material:

Not expected to be a skin or respiratory sensitizer.



Endcor 772A
 SDS Preparation Date (mm/dd/yyyy): 06/02/2018

SAFETY DATA SHEET

Specific target organ effects:

Eyes, skin, respiratory system, digestive system, central nervous system.

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:

Specific Target Organ Toxicity, Single Exposure -Category 3 (respiratory) May cause respiratory irritation.

Medical conditions aggravated by overexposure:

Pre-existing skin, eye, respiratory and central nervous system disorders.

Synergistic materials:

None reported by the manufacturer.

Toxicological data:

There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data. See below for individual ingredient acute toxicity data.

Chemical name	LC50(4hr) inhalation rat	LD50 Oral rat	LD50 Dermal rabbit
Coal tar	N/Av	>15,000 mg/kg	>2000 mg/kg
Polyamide polymer	N/Av	2,500 mg/kg	550 mg/kg
Xylenes	6350 ppm (27.6 mg/L)	3253 mg/kg	12,180 mg/kg
Respirable free silica	N/Av	500 mg/kg	N/Av
Ethylbenzene	4000 ppm (17.4 mg/L)	3,500 mg/kg	15,380 mg/kg

Other important toxicological hazards:

None known or reported by the manufacturer.

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 / 42 day	M Factor
Coal tar	8007-45-2	128 mg/L (pagrus major)	N/Av	N/Av
Polyamide polymer	N/A	330 mg/L (Pimephales promelas)	N/Av	N/Av
Xylenes	1330-20-7	8.2 mg/L (Rainbow trout)	N/Av	N/Av
Respirable free silica	14808-60-7	N/Av	N/Av	N/Av
Ethylbenzene	100-41-4	4.2 mg/L (Rainbow trout)	1.13 mg/L/30 days	N/Av

Ingredients	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Coal tar	8007-45-2	>100 mg/L (Daphnia magna)	N/Av	N/Av
Polyamide polymer	N/A	12 mg/L (Daphnia magna)	N/Av	N/Av



SAFETY DATA SHEET

Xylenes	1330-20-7	3.2 - 9.56 mg/L (Daphnia magna)	N/Av	N/Av
Respirable free silica	14808-60-7	N/Av	N/Av	N/Av
Ethylbenzene	100-41-4	1.81 mg/L (Daphnia magna)	N/Av	N/Av

Ingredients	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Coal tar	8007-45-2	220 mg/L (Green algae)	N/Av	N/Av
Polyamide polymer	N/A	12 mg/L/48hr (Green algae)	N/Av	N/Av
Xylenes	1330-20-7	3.2 - 4.9 mg/L/72hr (Green algae)	N/Av	N/Av
Respirable free silica	14808-60-7	N/Av	N/Av	N/Av
Ethylbenzene	100-41-4	3.6 mg/L/96hr (Green algae)	3.4 mg/L/96hr	N/Av

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)
Coal tar	N/Av	N/Av
Polyamide polymer	N/Av	N/Av
Xylene	3.12 - 3.2	0.6 - 15
Respirable free silica	N/Av	N/Av
Ethylbenzene	3.15	15 species: fish

Mobility in soil:

No data is available on the product itself.

Other Adverse Environmental effects:

None known or reported by the manufacturer.

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 RCRA:

Dispose in accordance with all applicable regulations. If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14. TRANSPORTATION INFORMATION



SAFETY DATA SHEET

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
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.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not available.

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
Coal tar	8007-45-2	Yes	No	No	No	N/Ap
Polyamide polymer	N/A	Yes	No	No	No	N/Ap
Xylenes	1330-20-7	Yes	100 lb/ 45.4 kg	None.	Yes	1%
Respirable free silica	14808-60-7	Yes	No	No	No	N/Ap
Ethylbenzene	100-41-4	Yes	1000 lb/ 454 kg	None.	Yes	0.1%

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Acute Health Hazard;



Endcor 772A
 SDS Preparation Date (mm/dd/yyyy): 06/02/2018

SAFETY DATA SHEET

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
Coal tar	8007-45-2	Yes	Cancer	N/A	N/A	N/A	N/A	N/A	N/A
Polyamide polymer	N/A	No	N/Ap	N/A	N/A	N/A	N/A	N/A	N/A
Xylenes	1330-20-7	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Respirable free silica	14808-60-7	Yes	Developmental / Cancer	Yes	No	No	Yes	Yes	No
Ethylbenzene	100-41-4	Yes	Cancer	Yes	Yes	Yes	Yes	Yes	Yes

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
Coal tar	8007-45-2	232-361-7	Present	Present	(9) 1741	KE-06058	Present	Present
Polyamide polymer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylenes	1330-20-7	215-535-7	Present	Present	(3)-60; (3)-3	KE-35427	Present	HSR000983
Respirable free silica	14808-60-7	238-878-4	Present	Present	(1)-548	KE-29983	Present	HSR003125
Ethylbenzene	100-41-4	202-849-4	Present	Present	(3)-60; (3)-28	KE-13532	Present	HSR001151

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



Endcor 772A

SDS Preparation Date (mm/dd/yyyy): 06/02/2018

Page 12 of 14

SAFETY DATA SHEET

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: Organisation 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

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): 06/05/2018

Other special considerations for handling:

Provide adequate information, instruction and training for operators.

Prepared by:

Dampney Company, Inc. 85 Paris Street
Everett MA 02149 U.S.A Telephone: (617) 389-2805
Please direct all inquiries to Dampney Company.



DISCLAIMER

This Safety Data Sheet was prepared by Dampney Company, Inc. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Dampney Company, Inc expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Dampney Company, Inc.

END OF DOCUMENT