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SECTION 1. IDENTIFICATION

Product identifier used on the label: Endcor 745A
Product Code(s): 745A
Recommended use of the chemical and restrictions on use:
Corrosion-Resistant 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:
Red liquid. Solvent odor.

Classification:
- Flammable liquids: Category 3
- Acute toxicity (Inhalation): Category 4
- Acute toxicity (Dermal): Category 4
- Skin irritation: Category 2
- Eye irritation: Category 2A
- Specific target organ toxicity – single exposure: Category 3 (Respiratory system)
- Specific target organ toxicity – repeated exposure: Category 2 (Liver, Kidney, Central nervous system)
- Specific target organ toxicity – repeated exposure (Oral): Category 2
- Aspiration hazard: Category 1

Label elements

Hazard pictogram(s)

Signal Word

DANGER

Hazard statement(s)
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 + H332 Harmful in contact with skin or if inhaled.
- H315 + H318 Causes skin irritation and serious eye irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
SAFETY DATA SHEET

H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.

Prevention:
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.
P261 Avoid breathing dust, fume, gas, mist, vapours, or spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
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.
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.
P314 Get medical advice/attention if you feel unwell.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing.
P370 + P378 In case of fire: Use dry chemical, CO2, water spray (fog) or foam to extinguish.

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

Disposal:
P501 Dispose of contents and empty container in accordance with local, state and federal regulations. Causes skin irritation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>9.24</td>
</tr>
<tr>
<td>Diacetone alcohol</td>
<td>123-42-2</td>
<td>6.42</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>6.01</td>
</tr>
<tr>
<td>1-Methoxy-2-propanol</td>
<td>107-98-2</td>
<td>3.67</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>1.91</td>
</tr>
</tbody>
</table>

The exact concentrations of the above listed chemicals are being withheld as a trade secret.
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SECTION 4. FIRST-AID MEASURES

First aid measures for different exposure routes
General advice Avoid contact with eyes, skin, and clothing. Avoid breathing, vapors, mist, or gas.
Eye contact Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician if irritation persists.
Skin contact Wash immediately with soap and plenty of water. Get medical attention immediately if symptoms occur.
Inhalation Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
Ingestion Most important symptoms/effects, acute and delayed. Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Alcohol resistant foam, Carbon dioxide (CO2), Dry chemical. Cool containers / tanks with water spray.
Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.
Specific hazards during firefighting Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products Oxides of carbon and various hydrocarbons.
Specific extinguishing methods Use a water spray to cool fully closed containers.
Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Personal precautions Eliminate all ignition sources. Maintain adequate ventilation to keep the exposure levels below the DELS.
Environmental precautions Report spills as required by local and federal regulations. Avoid contaminating ground and surface water.
Methods for Containment Prevent further leakage or spillage if safe to do so. Dike spill area to contain liquid.
Methods for cleaning up Contain liquid and collect with a non-combustible material.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling Avoid contact with eyes. Avoid breathing vapors or mists. Avoid skin contact. Use with adequate ventilation. Keep away from heat, flames, and all other sources of ignition.
Conditions for safe storage, including any incompatibilities Keep away from all sources of electricity such as electric motors and batteries.
Technical measures/Storage conditions Keep containers tightly closed in a cool, well-ventilated place.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>STEL: 150 ppm</td>
<td>TWA: 100 ppm</td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>TWA: 100 ppm</td>
<td>TWA: 435 mg/m³</td>
<td>TWA: 435 mg/m³</td>
</tr>
<tr>
<td>Diacetone Alcohol</td>
<td>TWA: 50 ppm</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
</tbody>
</table>
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123-42-2

Toluene
108-88-3

1-Methoxy-2-propanol

100-41-4

<table>
<thead>
<tr>
<th></th>
<th>TWA: 20 ppm</th>
<th>TWA: 100 ppm</th>
<th>TWA: 200 ppm</th>
<th>TWA: 375 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA: 75 mg/m³</td>
<td>N/A</td>
<td>N/A</td>
<td>100 ppm</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td>TWA: 87 mg/m³</td>
<td>N/A</td>
<td>N/A</td>
<td>100 ppm</td>
<td>435 mg/m³</td>
</tr>
</tbody>
</table>

ACGIH: (American Conference of Governmental Industrial Hygienists)
OSHA: (Occupational Safety & Health Administration)
NIOSH: (National Institute for Occupational Safety and Health)
TWA: Time Weighted Average

Exposure controls
Engineering Measures
Ventilation systems. Use adequate ventilation to keep the exposure levels below the OELs.

Individual protection measures, such as personal protective equipment
Eye/Face Protection
Safety glasses with side-shields.
Skin and body protection
Chemical resistant apron. Protective gloves.
Respiratory protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red Liquid
Odour: Solvent
pH: No information available
Melting/Freezing point: Not applicable
Boiling point: 176°F (80°C)
Flash point: 45.0°F (7.2°C)
Evaporation rate (BuAe = 1): 0.012 times slower than n-Butyl Acetate
Lower flammable limit (% by vol.): 1.0
Upper flammable limit (% by vol.): 10.9
Vapour pressure: Vapour density: Heavier than air
Specific gravity: 1.38146
Weight per gallon: 11.5 lbs
Volatile weight %: 28.0
Volatile volume: 44.0
Solubility in water: No information available
VOC content: 3.23 lbs per gallon

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage conditions
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions:
None under normal processing.
Conditions to Avoid: Keep away from heat, flame and other potential ignition sources.
Incompatible Materials: Store away from strong acids or oxidizers.

SECTION 11. TOXICOLOGICAL INFORMATION
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Information on likely routes of exposure

Skin contact  Prolonged skin contact can cause redness and irritation. Severity depends on the amount and duration of exposure.

Eye contact  Vapors are irritating to eyes. Liquid contact will cause stinging and tearing.

Inhalation  Exposure to high vapour concentrations may cause nervous systems effects such as headache, nausea, and dizziness.

Ingestion  Aspiration into the lungs during swallowing may result in damage or death.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral (mg/kg)</th>
<th>LD50 Dermal (mg/kg)</th>
<th>LD50 Inhalation (mg/m3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene 1330-20-7</td>
<td>4300</td>
<td>1700</td>
<td>5000</td>
</tr>
<tr>
<td>Diacetone alcohol</td>
<td>N/Av</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>5580</td>
<td>&gt; 12196</td>
<td>12500</td>
</tr>
<tr>
<td>1-Methoxy-2-propanol</td>
<td>N/Av</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>Ethyl Benzene 100-41-4</td>
<td>3500</td>
<td>15433</td>
<td>No data available</td>
</tr>
</tbody>
</table>

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity data:  LC50 – Oncorhynchus mykiss (rainbow trout) – 7.63 mg/l – 96 hours
NOEC – Pimephales promelas (fathead minnow) – 5.44 mg/l – 7 days

Persistence and degradability  : Not available.
Bio-accumulative potential  : This product is readily biodegradable.
Mobility  : Accidental spillage may lead to penetration in the soil.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal :  Handle in accordance with good industrial hygiene and safety practice.
Methods of Disposal :  Dispose in accordance with all applicable regulations.

SECTION 14. TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>UN Number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing Group</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>49CFR/DOT</td>
<td>UN1263</td>
<td>Paint</td>
<td>3</td>
<td>II</td>
<td></td>
</tr>
<tr>
<td>49CFR/DOT Additional information</td>
<td></td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TDG</td>
<td>UN1263</td>
<td>Paint</td>
<td>3</td>
<td>II</td>
<td></td>
</tr>
<tr>
<td>TDG Additional information</td>
<td></td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td>UN1263</td>
<td>Paint</td>
<td>3</td>
<td>II</td>
<td></td>
</tr>
<tr>
<td>IMDG Additional information</td>
<td></td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICAO/IATA</td>
<td>UN1263</td>
<td>Paint</td>
<td>3</td>
<td>II</td>
<td></td>
</tr>
</tbody>
</table>
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SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %*</th>
<th>SARA 313 -Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>8.79</td>
<td>1.0</td>
</tr>
<tr>
<td>Diacetone alcohol</td>
<td>123-42-2</td>
<td>6.42</td>
<td>N/A</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>6.01</td>
<td>1.0</td>
</tr>
<tr>
<td>1-Methoxy-2-propanol</td>
<td>107-98-2</td>
<td>3.67</td>
<td>N/A</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>100-41-4</td>
<td>2.25</td>
<td>0.1</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
- Acute Health Hazard: Yes
- Chronic Health Hazard: Yes
- Fire Hazard: Yes

Clean Water Act
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>100 lb</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diacetone alcohol</td>
<td>None</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toluene</td>
<td>1000 lb</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>1-Methoxy-2-propanol</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>1000 lb</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>100lb</td>
<td>RQ 100 lb final RQ</td>
<td>RQ</td>
</tr>
<tr>
<td>Diacetone alcohol</td>
<td>None</td>
<td></td>
<td>RQ</td>
</tr>
<tr>
<td>Toluene</td>
<td>1000 lb</td>
<td>RQ 1000 lb final RQ</td>
<td>RQ</td>
</tr>
<tr>
<td>1-Methoxy-2-propanol</td>
<td>None</td>
<td></td>
<td>RQ</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>1000 lb</td>
<td>RQ 1000 lb final RQ</td>
<td>RQ</td>
</tr>
</tbody>
</table>

California Proposition 65
This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene -108-88-3</td>
<td>Developmental</td>
</tr>
<tr>
<td>Ethyl Benzene - 100-41-4</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

US State Right to Know Laws:
### SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene 1330-20-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Diacetone alcohol 123-42-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1-Methoxy-2-propanol 107-98-2</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Ethyl Benzene 100-41-4</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

### SECTION 16. OTHER INFORMATION

**NFPA**
- Health hazard: 2
- Flammability: 3
- Reactivity: 0

Prepared by Dampney Company, Inc.
85 Paris Street
Everett, MA 02149
Tel. 617-389-2805
Fax. 617-389-0484
Email mail@dampney.com

Preparation Date (mm/dd/yyyy): 06/05/2017

Other special considerations for handling:
- Provide adequate information, instruction and training for operators.

**DISCLAIMER**

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 the user to ensure that this material is properly and safely used.