

Endcor 7452
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SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label: **Endcor 7452 Activator Component**

Product Code(s): 7452

Recommended use of the chemical and restrictions on use: Paint, activator component

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 North America).

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear liquid. Solvent odor.

Classification:

Acute aquatic toxicity - Category 2

Aspiration Hazard - Category 1

Chronic aquatic toxicity - Category 2

Eye irritation - Category 2A

Flammable Liquid - Category 2

Flammable Liquid - Category 3

Serious eye damage - Category 1

Skin Irritation - Category 2

Specific Target Organ Toxicity - Repeated Exposure - Category 2 (Central nervous system, kidney, liver)

Specific Target Organ Toxicity - Single Exposure - Category 3 (Narcotic effects)

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

Toxic to reproduction (unborn child) Category 2

Label elements

Hazard pictogram(s)



Signal Word

DANGER

Hazard statement(s)

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.



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H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Prevention:

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.
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:

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 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER, doctor, or hospital emergency room if you feel unwell.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER, doctor, or hospital emergency room.
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.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P362 Take off contaminated clothing.
P370 + P378 In case of fire: Use dry chemical, CO₂, water spray (fog) or foam to extinguish.
P391 Collect spillage.

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. Causes skin irritation

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical Name	CAS-No	Weight %*
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Polyamide resin	68410-23-1	50.48
Xylene	1330-20-7	21.64
Isopropanol	67-63-0	20.60
Toluene	108-88-3	7.28

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 off 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

Advice on 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. Keep away from all sources of electricity such as electric motors and batteries.

Conditions for safe storage, including any incompatibilities



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Technical measures/Storage: Keep containers tightly closed in a cool, well-ventilated place.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	ACGIH	OSHA	NIOSH
Isopropanol	STEL: 400 ppm TWAL: 200 ppm	PEL: 400 ppm (980mg/m ³)	STEL: 1225 mg/m ³ TWA: 980mg/m ³
Xylene	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm (435 mg/m ³)	TWA: 100 ppm (435 mg/m ³)
Toluene	TWA: 20 ppm (75 mg/m ³)	TWA: 200 ppm	TWA: 100 ppm (375 mg/m ³)

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 : Clear Liquid
Odour : Solvent
pH : No information available
Melting/Freezing point : <32°F (0°C)
Boiling point : 180°F (82°C)
Flash point : 39.0°F (3.9°C)
Evaporation rate (BuAe = 1) : 0.535 times faster than n-butyl acetate
Lower flammable limit (% by vol.) : 1.0
Upper flammable limit (% by vol.) : 12.0
Vapour density : Heavier than air
Specific gravity : 0.89919
Volatile Weight : 49.5%
Volatile Volume : 53.2%
Weight per gallon : 7.49 lbs
Solubility in water : No information available
VOC (Volatile organic compound) : 3.7 lbs/gal

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.



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Hazardous Decomposition Products: Carbon oxides. Fumes. Hydrocarbons.

SECTION 11. TOXICOLOGICAL INFORMATION

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

Chemical Name	LD50 Oral	LD50 Dermal	LD50 Inhalation
Polyamide resin	>2,000 mg/kg (rat)	3,704 mg/kg	N/Av
Isopropanol	4.7 g/kg (rat)	12,800 m/kg (rabbit)	N/Av
Xylene	4,300 mg/kg (rat)	1,700 mg/kg (rabbit)	5,000 mg/m ³ (Rat) 4 h
Toluene	5,580 mg/kg (rat)	> 12,196 mg/kg (rabbit)	12,500 mg/m ³ (Rat) 4 h

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	LC50 Fish	Daphnia	Algae
Isopropanol	>1,400 mg/l, 96 hrs bluegill	N/Av	N/Av
Xylene	4,300 mg/kg (rat)	1,700 mg/kg (rabbit)	5,000 mg/m ³ (Rat) 4 h
Toluene	5,580 mg/kg (rat)	> 12,196 mg/kg (rabbit)	12,500 mg/m ³ (Rat) 4 h

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

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN1263	Paint related material	3	II	FLAMMABLE
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.				



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TDG	UN1263	Paint related material	3	II	FLAMMABLE
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 related material	3	II	FLAMMABLE
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 related material	3	II	FLAMMABLE
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.				

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:

Chemical Name	CAS-No	Weight %*	SARA 313 -Threshold Values %
Xylene	1330-20-7	21.64	1.0
Toluene	108-88-3	7.28	1.0

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):

Chemical Name	CWA - Reportable Quantities	CWA -Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylene	100 lb			X
Toluene	1000lb	X	X	X

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):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Xylene	100lb	N/Ap	RQ 100 lb final RQ
Toluene	1000 lb	N/Ap	RQ 1000 lb final RQ

California Proposition 65

This product contains the following Proposition 65 chemicals:



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Chemical Name	California Prop. 65
Toluene -108-88-3	Developmental

US State Right to Know Laws:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Polyamide resin			X
Isopropanol	X	X	X
Xylene	X	X	X
Toluene	X	X	X

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



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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.

NFPA

Health hazard 2
Flammability 3
Reactivity 0

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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	
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DISCLAIMER

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