

**SECTION 1: IDENTIFICATION****Product Identifier****Product Name:** EJ-290 Part A Resin & Part B Monomer**Product Form:** Mixture, Article**Intended Use of the Product**

Radiation detection applications.

**Name, Address, and Telephone of the Responsible Party**

**Company/Manufacturer:** Eljen Technology  
**Address:** 1300 W. Broadway  
SWEETWATER, TEXAS 79556  
USA  
**Phone:** (325) 235-4276  
**Fax:** (325) 235-0701  
**Website:** [www.eljentechnology.com](http://www.eljentechnology.com)

**Emergency Telephone Number**

**Emergency Number:** ChemTel (24 hours)  
United States, Canada, Puerto Rico, U.S. Virgin Islands: 1 (800) 255-3924  
International: 1 (813) 248-0585 (Collect calls are accepted)

**SECTION 2: HAZARDS IDENTIFICATION****Classification of the Substance or Mixture**

**Classification (GHS-US):**

Flammable Liquid, Category 3	H226
Acute Toxicity, Inhalation, Category 4	H332
Skin Irritation, Category 2	H315
Eye Irritation, Category 2A	H319
Aspiration Hazard, Category 1	H304
Acute Aquatic Toxicity, Category 3	H402
Chronic Aquatic Toxicity, Category 2	H411

**Label Elements****GHS-US Labeling:****Hazard Pictograms (GHS-US):****Signal Word (GHS-US):** Danger**Hazard Statements (GHS-US):**

H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

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H332	Harmful if inhaled.
H402	Harmful to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
<b>Precautionary Statements (GHS-US):</b>	
P210	Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapors, mist, or spray.
P264	Wash hands, forearms, and other exposed areas thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves, protective clothing, and eye protection.
P301+P310	IF SWALLOWED: Immediately call a poison center or doctor.
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 at rest in a position 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 or doctor if you feel unwell.
P321	Specific treatment (see section 4 on SDS).
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 and wash before reuse.
P370+P378	In case of fire: Use appropriate media (see section 5) to extinguish.
P391	Collect spillage.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with all local, regional, national, provincial, territorial and international regulations.

### Hazards Not Otherwise Classified

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. This material or its emissions may defat skin. This product has been stabilized with Butylated hydroxytoluene. Product will not undergo hazardous polymerization when stored under normal conditions. Vinyl toluene, if not stabilized or under extreme heat, will polymerize with generation of heat. Uninhibited monomer vapors can polymerize and plug ventilation and relief devices causing dangerous pressure and vapor concentrations to build. Substance is a strong reducing agent and reacts violently with oxidants and aluminum salts.

### Components With Unknown Acute Toxicity (GHS-US)

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

#### **Hazardous Components:**

Any hazardous components not listed below are not present in quantities requiring disclosure.

Name	Product Identifier	Concentration (%)	Classification (GHS-US)
Vinyl Toluene	CAS# 25013-15-4	95 – 100	Flam. Liq. 3, H226; Acute Tox. 4 (Inhalation: vapor), H332; Skin Irrit. 2, H315; Eye Irrit. 2A,

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			H319; Asp. Tox. 1, H304; Aquatic Acute 3, H402; Aquatic Chronic 2, H411
2,5-Diphenyloxazole	CAS# 92-71-7	1 – 5	Acute Tox. 4 (Oral), H302; Eye Irrit. 2A, H319; Aquatic Chronic 4, H413
1,4-Bis(5-phenyl-2-oxazole)benzene	CAS# 1806-34-4	< 1	Acute Tox. 4 (Oral), H302; Eye Irrit. 2A, H319
2,6-Dit-tert-butyl-p-cresol	CAS# 128-37-0	< 1	Aquatic Acute 1, H400; Aquatic Chronic 1, H410

For full text of H-phrases, see section 16.

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. Seek medical attention.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

### Most Important Symptoms and Effects, Both Acute and Delayed

**Inhalation:** Harmful if inhaled. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

**Skin Contact:** Causes skin irritation. May be absorbed through the skin in harmful amounts.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** May be fatal if swallowed and enters airways. Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None known.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If any of the above symptoms are present and persist, seek immediate medical attention.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Agents:** Dry powder, alcohol-resistant foam, water in large amounts, carbon dioxide (CO<sub>2</sub>). Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising from the Substance or Mixture

**Fire Hazard:** Flammable liquid and vapor.

**Explosion Hazard:** May form flammable/explosive vapor-air mixture.

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**Reactivity:** This product has been stabilized with Butylated hydroxytoluene. Product will not undergo hazardous polymerization when stored under normal conditions. Vinyl toluene, if not stabilized or under extreme heat, will polymerize with generation of heat. Uninhibited monomer vapors can polymerize and plug ventilation and relief devices causing dangerous pressure and vapor concentrations to build. Substance is a strong reducing agent and reacts violently with oxidants and aluminum salts.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting instructions:** Keep upwind. Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Do not allow run-off from firefighting to enter drains or water courses. Do not breathe fumes from fires or vapors from decomposition.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Black smoke.

### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Use special care to avoid static electric charges. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Handle in accordance with good industrial hygiene and safety practice.

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Ventilate area. Eliminate ignition sources. Evacuate unnecessary personnel. Stop leak if safe to do so.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Eliminate all ignition sources. Use only non-sparking tools. Clear up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container for disposal. Do not take up in combustible material such as saw dust or cellulosic material. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Contact competent authorities after a spill.

### Reference to Other Sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable.

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**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash hands and forearms thoroughly after handling.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical, lighting, ventilating equipment. Air space/oxygen above the product is vital to keep inhibitors active.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Store locked up. Keep in fireproof place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers. Aluminum chloride. Peroxides.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or appropriate advisory agency.

#### **Components with Workplace Control Parameters:**

Vinyl Toluene (CAS# 25013-15-4)		
Mexico	OEL TWA (mg/m <sup>3</sup> )	240 mg/m <sup>3</sup>
Mexico	OEL TWA (ppm)	50 ppm
Mexico	OEL STEL (mg/m <sup>3</sup> )	485 mg/m <sup>3</sup>
Mexico	OEL STEL (ppm)	100 ppm
USA ACGIH	ACGIH TWA (ppm)	50 ppm
USA ACGIH	ACGIH STEL (ppm)	100 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	480 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	480 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
USA IDLH	US IDLH (ppm)	400 ppm
Alberta	OEL STEL (mg/m <sup>3</sup> )	483 mg/m <sup>3</sup>
Alberta	OEL STEL (ppm)	100 ppm
Alberta	OEL TWA (mg/m <sup>3</sup> )	242 mg/m <sup>3</sup>
Alberta	OEL TWA (ppm)	50 ppm
British Columbia	OEL STEL (ppm)	75 ppm
British Columbia	OEL TWA (ppm)	25 ppm
Manitoba	OEL STEL (ppm)	100 ppm
Manitoba	OEL TWA (ppm)	50 ppm
New Brunswick	OEL STEL (mg/m <sup>3</sup> )	483 mg/m <sup>3</sup>
New Brunswick	OEL STEL (ppm)	100 ppm
New Brunswick	OEL TWA (mg/m <sup>3</sup> )	242 mg/m <sup>3</sup>
New Brunswick	OEL TWA (ppm)	50 ppm
Newfoundland & Labrador	OEL STEL (ppm)	100 ppm
Newfoundland & Labrador	OEL TWA (ppm)	50 ppm

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<b>Nova Scotia</b>	OEL STEL (ppm)	100 ppm
<b>Nova Scotia</b>	OEL TWA (ppm)	50 ppm
<b>Nunavut</b>	OEL STEL (mg/m <sup>3</sup> )	483 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL (ppm)	100 ppm
<b>Nunavut</b>	OEL TWA (mg/m <sup>3</sup> )	242 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA (ppm)	50 ppm
<b>Northwest Territories</b>	OEL STEL (mg/m <sup>3</sup> )	483 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL (ppm)	100 ppm
<b>Northwest Territories</b>	OEL TWA (mg/m <sup>3</sup> )	242 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA (ppm)	50 ppm
<b>Ontario</b>	OEL STEL (ppm)	100 ppm
<b>Ontario</b>	OEL TWA (ppm)	50 ppm
<b>Prince Edward Island</b>	OEL STEL (ppm)	100 ppm
<b>Prince Edward Island</b>	OEL TWA (ppm)	50 ppm
<b>Québec</b>	VECD (mg/m <sup>3</sup> )	483 mg/m <sup>3</sup>
<b>Québec</b>	VECD (ppm)	100 ppm
<b>Québec</b>	VEMP (mg/m <sup>3</sup> )	242 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (ppm)	50 ppm
<b>Saskatchewan</b>	OEL STEL (ppm)	100 ppm
<b>Saskatchewan</b>	OEL TWA (ppm)	50 ppm
<b>Yukon</b>	OEL STEL (mg/m <sup>3</sup> )	720 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL (ppm)	150 ppm
<b>Yukon</b>	OEL TWA (mg/m <sup>3</sup> )	480 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA (ppm)	100 ppm

<b>2,6-Di-tert-butyl-p-cresol (CAS# 128-37-0)</b>		
<b>Mexico</b>	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>Mexico</b>	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (inhalable fraction and vapor)
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>British Columbia</b>	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (aerosol, inhalable, and vapor)
<b>Manitoba</b>	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (inhalable fraction and vapor)
<b>New Brunswick</b>	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>Newfoundland &amp; Labrador</b>	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (inhalable fraction and vapor)
<b>Nova Scotia</b>	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (inhalable fraction and vapor)
<b>Nunavut</b>	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>Ontario</b>	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (inhalable fraction and vapor)

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Prince Edward Island	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (inhalable fraction and vapor)
Québec	VECD (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Saskatchewan	OEL STEL (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup> (inhalable fraction and vapor)
Saskatchewan	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (inhalable fraction and vapor)
Yukon	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
Yukon	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed.

### Personal Protective Equipment

**Eye/Face Protection:** Wear chemical safety goggles.

**Skin and Body Protection:** Wear chemically resistant protective gloves. Wear suitable protective clothing made from chemically and fire resistant/ flame retardant materials and fabrics.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Appearance	: Viscous, clear, blue, fluorescent liquid
Odor	: Aromatic
Odor Threshold	: No data available
pH	: No data available
Melting Point	: No data available
Boiling Point/Boiling Range	: 168 °C (334 °F)
Flash Point	: 53 °C (127 °F)
Evaporation Rate	: Very slow
Flammability (solid, gas)	: No data available
Lower Flammability/Explosion Limit	: 5.3%
Upper Flammability/Explosion Limit	: 1.1%
Vapor Pressure	: 1.1 mm at 20 °C (68 °F)
Vapor Density	: 4.1 at 20 °C (68 °F)
Relative Density	: No data available
Solubility	: Nil in water
Partition Coefficient (n-octanal/water)	: No data available
Auto-Ignition Temperature	: 515 °C (959 °F)
Decomposition Temperature	: No data available
Viscosity	: No data available
Percent Volatile by Volume	: 100%
Explosion Data – Sensitivity to Mechanical Impact	: Not expect to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Static discharge could act as an ignition source.

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Vinyl toluene, if not stabilized, will polymerize with generation of heat. Uninhibited monomer vapors can polymerize and plug ventilation and relief devices causing dangerous pressure and vapor concentrations to build. Substance is a strong reducing agent and reacts violently with oxidants and aluminum salts.

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**Chemical Stability:** Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

**Possibility of Hazardous Reactions:** This product has been stabilized with Butylated hydroxytoluene. Product will not undergo hazardous polymerization when stored under normal conditions.

**Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers. Aromatic solvents. Ketones. Aluminum chloride. Peroxides.

**Hazardous Decomposition Products:** Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides. Acrid smoke and irritating fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

**Acute Toxicity:** Harmful if inhaled.

### LD50/LC50 Values That Are Relevant for Classification:

<b>EJ-290 Parts A &amp; B</b>	ATE (Inhalation, Vapors)	11 mg/L/4h
<b>Vinyl Toluene (CAS# 25013-15-4)</b>	LD50 (Oral – Rat)	4000 mg/kg
	ATE (Inhalation, Vapors)	11.00 mg/L/4h
<b>2,5-Diphenyloxazole (CAS# 92-71-7)</b>	ATE US (Oral)	500 mg/kg
<b>1,4-Bis(5-phenyl-2-oxazole)benzene (CAS# 1806-34-4)</b>	ATE US (Oral)	500 mg/kg
<b>2,6-Dit-tert-butyl-p-cresol (CAS# 128-37-0)</b>	LD50 (Oral – Rat)	> 2930 mg/kg
	LD50 (Dermal – Rat)	> 2000 mg/kg

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

**Teratogenicity:** Not classified.

**Carcinogenicity:** Not classified.

<b>NTP</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.		
<b>IARC</b>	Vinyl Toluene	CAS# 25013-15-4	Group 3
	2,6-Dit-tert-butyl-p-cresol	CAS# 128-37-0	Group 3
<b>OSHA</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.		

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.



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### Symptoms Related to the Physical, Chemical and Toxicological Characteristics

**Symptoms/Injuries After Inhalation:** Harmful if inhaled. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

**Symptoms/Injuries After Skin Contact:** Causes skin irritation. May be absorbed through the skin in harmful amounts.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.

**Symptoms/Injuries After Ingestion:** May be fatal if swallowed and enters airways. Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None known.

### Additional Information

The information presented here is to the best of our knowledge. The chemical, physical, and toxicological properties have not been thoroughly investigated.

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

Vinyl Toluene (CAS# 25013-15-4)	
LC50 Fish 1	23.4 mg/l (Exposure time: 96 h - Species: Pimephales rafinesque)

2,6-Di-tert-butyl-p-cresol (CAS# 128-37-0)	
EC50 Other Aquatic Organisms 2	0.43 mg/l (Exposure time: 72 h - Species: Desmodemus subspicatus)

### Persistence and Degradability

EJ-290 Parts A & B	
Persistence and Degradability	Not established.

### Bioaccumulative Potential

EJ-290 Parts A & B	
Bioaccumulative Potential	Not established.

Vinyl Toluene (CAS# 25013-15-4)	
BCF Fish 1	32 - 35
Log Pow	3.36

2,6-Di-tert-butyl-p-cresol (CAS# 128-37-0)	
BCF Fish 1	230 - 2500
Log Pow	4.17

### Mobility in Soil

Not available

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

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### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial, and international regulations.

**Additional Information:** Handle empty containers with care because residual vapors are flammable.

**Ecology – Waste Materials:** Hazardous waste due to toxicity.

### SECTION 14: TRANSPORT INFORMATION

#### In Accordance with DOT

UN Number : 2618  
UN Proper Shipping Name : VINYL TOLUENES, STABILIZED  
Transport Hazard Class : 3  
Packing Group : III  
Label Codes : 3  
ERG Number : 130P  
Marine Pollutant : Marine pollutant

#### In Accordance with IMDG

UN Number : 2618  
UN Proper Shipping Name : VINYL TOLUENES, STABILIZED  
Transport Hazard Class : 3  
Packing Group : III  
Label Codes : 3  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-D  
Marine Pollutant : Marine pollutant

#### In Accordance with IATA

UN Number : 2618  
UN Proper Shipping Name : VINYL TOLUENES, STABILIZED  
Transport Hazard Class : 3  
Packing Group : III  
Label Codes : 3  
ERG Code (IATA) : 3L

#### In Accordance with TDG

UN Number : 2618  
UN Proper Shipping Name : VINYL TOLUENES, STABILIZED  
Transport Hazard Class : 3  
Packing Group : III  
Label Codes : 3  
Marine Pollutant (TDG) : Marine pollutant

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## SECTION 15: REGULATORY INFORMATION

### Safety, Health, and Environmental Regulations Specific for the Substance or Mixture

#### US Federal Regulations



<b>TSCA Inventory</b>	The following components are listed: Vinyl toluene (CAS# 25013-15-4) 2,5-Diphenyloxazole (CAS# 92-71-7) 1,4-Bis(5-phenyl-2-oxazole)benzene (CAS# 1806-34-4) 2,6-Dit-tert-butyl-p-cresol (CAS# 128-37-0)	
<b>EPA TSCA Regulatory Flag</b>	Vinyl toluene (CAS# 25013-15-4)	T – A substance that is the subject of a Section 4 test rule under TSCA.
<b>SARA 311/312 Hazards</b>	Fire hazard, Acute health hazard	

#### US State Regulations

<b>Vinyl toluene (CAS# 25013-15-4)</b>
U.S. – Massachusetts – Right to Know List
U.S. – New Jersey – Right to Know List
U.S. – Pennsylvania – Right to Know List

<b>2,6-Dit-tert-butyl-p-cresol (CAS# 128-37-0)</b>
U.S. – Massachusetts – Right to Know List
U.S. – New Jersey – Right to Know List
U.S. – Pennsylvania – Right to Know List

#### Canadian Regulations

<b>EJ-290 Parts A &amp; B</b>	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects
 	

<b>Vinyl toluene (CAS# 25013-15-4)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects

<b>2,5-Diphenyloxazole (CAS# 92-71-7)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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<b>1,4-Bis(5-phenyl-2-oxazole)benzene (CAS# 1806-34-4)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects

<b>2,6-Di-tert-butyl-p-cresol (CAS# 128-37-0)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION

**Date of Issue:** 5/13/2015

**Revision Date:** 2/17/2022

**Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### Abbreviations Used in Section 3:

Acute Tox. 4 (Inhalation: vapor)	Acute Toxicity, Inhalation:vapor, Category 4
Acute Tox. 4 (Oral)	Acute Toxicity, Oral, Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment – Acute Hazard, Category 1
Aquatic Acute 3	Hazardous to the Aquatic Environment – Acute Hazard, Category 3
Aquatic Chronic 1	Hazardous to the Aquatic Environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment – Chronic Hazard, Category 2
Aquatic Chronic 4	Hazardous to the Aquatic Environment – Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration Hazard, Category 1
Eye Irrit. 2A	Serious Eye Damage/Eye Irritation, Category 2A
Flam. Liq. 3	Flammable Liquids, Category 3
Skin Irrit. 2	Skin Corrosion/Irritation, Category 2
H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

### Party Responsible for the Preparation of This Document:

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*