

Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • Buehler EpoHeat 2 Resin

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Epoxy resin

1.3 Details of the supplier of the safety data sheet

Manufacturer • BUEHLER, a division of Illinois Tool Works Inc.
41 Waukegan Road
Lake Bluff, IL 60044
United States

Telephone (Technical) • 847-295-6500

1.4 Emergency telephone number

Manufacturer • 800-424-9300 - CHEMTREC

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP • Skin Irritation 2 - H315
Skin Sensitization 1 - H317

DSD/DPD • Irritant (Xi)
R38, R43

2.2 Label Elements

CLP

WARNING



Hazard statements • H315 - Causes skin irritation
H317 - May cause an allergic skin reaction

Precautionary statements

- Prevention** • P261 - Avoid breathing mists, vapours, and/or spray.
 P264 - Wash thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves .

- Response** • P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 P321 - Specific treatment, see supplemental first aid information.
 P362 - Take off contaminated clothing and wash before reuse.
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

- Storage/Disposal** • P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



- Risk phrases** • R38 - Irritating to skin.
 R43 - May cause sensitisation by skin contact.

- Safety phrases** • S24 - Avoid contact with skin.
 S37 - Wear suitable gloves.
 S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

2.3 Other Hazards

- CLP** • According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

- DSD/DPD** • According to European Directive 1999/45/EC this material is considered dangerous.

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2.1 Classification of the substance or mixture

- UN GHS** • Skin Irritation 2
 Skin Sensitization 1

2.2 Label elements

UN GHS

WARNING



- Hazard statements** • Causes skin irritation
 May cause an allergic skin reaction

Precautionary statements

- Prevention** • Avoid breathing mists, vapours, and/or spray.
 Wash thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves .

- Response** • IF ON SKIN: Wash with plenty of soap and water.
 Specific treatment, see supplemental first aid information.
 Take off contaminated clothing and wash before reuse.
 If skin irritation or rash occurs: Get medical advice/attention.

- Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

- UN GHS** • According to the Globally Harmonized System for Classification and Labeling (GHS) this product is considered hazardous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

- OSHA HCS 2012
- Skin Irritation 2
Skin Sensitization 1

2.2 Label elements

OSHA HCS 2012

WARNING



- Hazard statements**
- Causes skin irritation
May cause an allergic skin reaction

Precautionary statements

- Prevention**
- Avoid breathing mists, vapours, and/or spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves .
- Response**
- If on skin: Wash with plenty of water .
Specific treatment, see supplemental first aid information.
Take off contaminated clothing and wash before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

- OSHA HCS 2012
- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

- WHMIS
- Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- Other Toxic Effects - D2B

2.3 Other hazards

- WHMIS
- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance.

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	CAS:25085-99-8	50% TO 80%	NDA	UN GHS: Not Classified EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Phenol, polymer with formaldehyde, glycidyl ether	CAS:28064-14-4	30% TO 50%	NDA	UN GHS: Not Classified EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	CAS:68609-97-2 EC Number:271-846-8 EU Index:603-103-00-4	10% TO 30%	Ingestion/Oral-Rat LD50 • 17100 mg/kg	UN GHS: Skin Irrit. 2; Skin Sens. 1 EU DSD/DPD: Annex VI, Table 3.2: Xi, R38; R43 EU CLP: Annex VI, Table 3.1: Skin Irrit. 2, H315; Skin Sens. 1, H317 OSHA HCS 2012: Skin Irrit. 2; Skin Sens. 1	NDA
Diisononylcyclohexyl phthalate	CAS:474919-59-0	< 10%	NDA	UN GHS: Not Classified EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	CAS:4702-90-3 EINECS:225-184-1	< 1%	NDA	UN GHS: Not Classified EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- Remove to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

- Do NOT induce vomiting. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person. Obtain medical attention immediately if ingested.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures**5.1 Extinguishing media**

Suitable Extinguishing Media • Alcohol foam, CO₂, dry chemical, foam, water fog.

Unsuitable Extinguishing Media • No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Containers may explode when heated.

Hazardous Combustion Products • Irritating and/or toxic gases or fumes may be generated by thermal decomposition or combustion.

5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).
Avoid directing water stream directly into flame; it may cause frothing with subsequent spread of flame.
LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

Section 6 - Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal Precautions • Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures • As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stay upwind. Keep out of low areas. Keep unauthorized personnel away.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures • Stop leak if you can do it without risk.
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
LARGE SPILLS: Dike far ahead of spill for later disposal.
Wash spill area with detergent solution or wipe with alcohol-soaked rags.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage**7.1 Precautions for safe handling**

Handling • Use only with adequate ventilation. Empty containers retain product residue and can

be hazardous. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours and/or spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

- Storage**
- Keep container tightly closed. Store in a cool, dry place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

- Exposure Limits/Guidelines**
- No applicable exposure limits available for product or components.

8.2 Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear chemical splash safety goggles.

Skin/Body

- Wear appropriate gloves.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Yellow liquid with a mild nondescript odor.
Color	Yellow	Odor	Mild nondescript.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	= 1.105 Water=1	Water Solubility	Insoluble
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	> 1 Air=1
Evaporation Rate	< 1 n-Butyl Acetate = 1		
Flammability			
Flash Point	> 100 C(> 212 F)	UEL	Data lacking

LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Excess heat.

10.5 Incompatible materials

- Strong bases or oxidants. Strong Lewis or mineral acids. Reaction with amines or mercaptans in large amounts and/or under uncontrolled conditions releases considerable heat and may release acrid fumes or smoke.

10.6 Hazardous decomposition products

- Oxides of carbon.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives (10% TO 30%)	68609-97-2	Acute Toxicity: Ingestion/Oral-Rat LD50 • 17100 mg/kg; Irritation: Skin-Rabbit • 500 µL 24 Hour(s) • Moderate irritation

GHS Properties	Classification
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Serious eye damage/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking

Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Skin corrosion/Irritation	EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2 UN GHS • Skin Irritation 2
Skin sensitization	EU/CLP • Skin Sensitizer 1 OSHA HCS 2012 • Skin Sensitizer 1 UN GHS • Skin Sensitizer 1
STOT-RE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking

Potential Health Effects

Inhalation

- Acute (Immediate)** • Vapors and/or aerosols formed at elevated temperatures can be irritating.
- Chronic (Delayed)** • No data available

Skin

- Acute (Immediate)** • Causes skin irritation. May cause skin sensitization. Symptoms include redness, and skin rash.
- Chronic (Delayed)** • No data available.

Eye

- Acute (Immediate)** • Irritating, but will not permanently injure eye tissue.
- Chronic (Delayed)** • No data available.

Ingestion

- Acute (Immediate)** • May cause nausea and vomiting. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.
- Chronic (Delayed)** • No data available.

Key to abbreviations

LD = Lethal Dose

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
TDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA

14.6 Special precautions for user

- None specified.

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

- Data lacking.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications

- Acute

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Yes	No	Yes	No	Yes

Diisononylcyclohexyl phthalate	474919-59-0	Yes	No	No	No	Yes
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Yes	No	No	No	Yes
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Yes	No	Yes	No	Yes
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Yes	No	No	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
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• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed
• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
• Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	Not Listed
• Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Not Listed

• 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]- 2,4-dihydro-5-methyl-2-phenyl-	4702-90-3	Not Listed
• Diisononylcyclohexyl phthalate	474919-59-0	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Revision Date	• 23/September/2015
Preparation Date	• 20/December/2013
Disclaimer/Statement of Liability	• To the best of our knowledge, the information contained in this SDS is accurate or is obtained from sources believed to be accurate. However, no liability, expressed or implied, is assumed for the accuracy or completeness of the information contained herein. Buyer assumes liability in its use of the material.

Key to abbreviations

NDA = No Data Available