

According to Regulation (EC) No. 1907/2006

Version 2.0 Revision Date 04.01.2022 Print Date 05.01.2022



## **Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product Identifier** Trade Name : Apex Resin® Deep Cast (Resin)

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

**Identified uses** Decorative and protective epoxy coating/casting for artwork/creative applications.  
Chemical family: Two part epoxy resin

**1.3 Details of the supplier of the safety data sheet**

Company : Just4youonlineUK Ltd

Telephone : +44(0) 7513119064

Web : just4youonlineuk.com

Address: Gainsborough Road, Warrington. Cheshire. WA4 6BZ United Kingdom

**1.4 Emergency telephone number +44(0) 1925 695405**

## **SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture according to CLP no 1272/2008**

Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411

**2.2 Label elements CLP No 1272/2008**

**Hazard Pictograms:** GHS07 GHS09



**Signal Word:** WARNING

**Hazard Statement(s):**

Eye Irrit. 2, H319

Skin Irrit. 2, H315

Skin Sens. 1, H317

Aquatic Chronic 2, H411

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### **Precautionary Statements:**

P261 Avoid breathing mist/vapor.

P280 Wear protective gloves/eye protection.

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 if you feel unwell.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/ container in accordance with national regulations.

EUH205 Contains epoxy constituents. May produce an allergic reaction

**First Aid measures are listed in the event the product is not used as intended. Following the usage instructions provided will ensure first aid measures are not likely needed.**

**General Information:** If you are in doubt or any symptoms persist, seek medical attention

**Inhalation:** Breathe fresh air at the ventilation. If discomfort continues, seek medical attention

**Skin contact:** Wash skin with lotion or soapy water. Remove contaminated clothing. If skin allergies are caused. Stop contact and seek medical help.

**Contact with eyes:** As soon as possible with plenty of water rinse for 15 minutes. If further discomfort, please seek medical help.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

## **SECTION 3: Composition/information of ingredients**

### **3.2 Mixtures**

Chemical nature: Modified epoxy resin

Common Names/Synonyms: Epoxy Resin, Epoxy Coating, Novolac Epoxy, Two-part Epoxy

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Chemical Name	CAS No.	EC No.	Concentration %	Classification CLP
Epoxy Resin	61788-97-4	612-377-4	93%	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H411: Toxic to aquatic life with long lasting effects.
Thinner	2425-79-8	219-371-7	<10%	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H411: Toxic to aquatic life with long lasting effects.

**SECTION 4 : First aid measures**

**4.1 Description of first aid measures**

**General Information:** If you are in doubt or any symptoms persist, seek medical attention

**Inhalation:** Breathe fresh air at the ventilation. If discomfort continues, seek medical attention

**Skin contact:** Wash skin with lotion or soapy water. Remove contaminated clothing. If skin allergies are caused. Stop contact and seek medical help.

**Contact with eyes:** As soon as possible with plenty of water rinse for 15 minutes. If further discomfort, please seek medical help.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

**4.2 Signs of immediate medical attention and special treatment:**

no information available.

**SECTION 5 : Firefighting measures**

**5.1 Extinguishing media:**

Foam, sand, Carbon dioxide(Co2), water mist.

**Unsuitable extinguishing media:** Water spray jet

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## 5.2 Special hazards arising from the substance or mixture:

### Special hazards during fires :

1. Under high temperature, the pressure inside the sealed container will increase.
2. Cool closed containers exposed to fire with water spray.

## 5.3 Advice for firefighters

1. Special protective equipment or firefighters: In the event of a fire, wear self-contained breathing apparatus and use personal protective equipment.

## 2. Further information: Do not inhale fumes in the event of fire or explosion. Use fire-fighting measures appropriate to the local environment

Immediately evacuate personnel to a safe area. To prevent fire water from contaminating the surface water system, fire residues and contaminated fire water must be disposed of in accordance with local regulations.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### 6.1 Personal precautions:

1. Refer to the protective measures listed in Articles 7 and 8.
2. Disperse personnel into a safe area.
3. Use personal protective equipment.
4. Ensure adequate ventilation.

#### 6.2 Environmental precautions

1 If there is a large amount of gas leaking or entering the waterway, soil or drain, it should be notified to the relevant government departments.

2. Do not allow products to be discharged into the environment uncontrolled.

#### 6.3 Methods and materials for separation and cleaning:

##### Cleaning method:

1. Soak with inert absorbent material (sand, silica gel, acid binder, universal adhesive, etc.).
2. Contain spillage, then collect with non-combustible adsorbent material (sand, earth, diatomaceous earth, silver mud mica), place in a container, and dispose of it according to local national regulations (see Section 13). Go to the container labelled with the appropriate label.

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**6.4 Refer to other sections:**

See section 8 for personal protection.

**SECTION 7: Handling and storage**

**7.1 Safety Handling Precautions:**

1. Provide adequate air exchange or exhaust in the workroom.
2. Avoid prolonged inhalation, ingestion/eye/skin contact
3. Anyone with a history of skin allergies or asthma, chronic or recurrent respiratory disease should not use the product in any location.

**Fire and explosion protection recommendations:** Keep away from open flames, hot surfaces and sources of ignition.

**Hygiene measures:** Provide adequate ventilation and wash hands immediately before and after using this product.

**7.2 Safe storage conditions, including any incompatibilities**

Use in a well-ventilated place, prohibit the use of this product in high heat, freezing, sparks, flame, body and clothing in direct contact.

**Storage:** Cool and dry place, poured product should not be returned to the original container.

**Other data:** Areas where normal temperature and pressure are stable.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters Contains no substances with occupational exposure limit values.**

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

**1.Reaction product: bisphenol-A End Use: Workers (epichlorhydrin) and epoxy resin (number average molecular weight < # 700 )**

**2.Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006 reaction product: bisphenol-A - (epichlorhydrin) and epoxy resin (number average molecular weight ca 700)**

**1,6-bis(2,3- epoxypropoxy)hexane**

**Sewage treatment plant** Value: 1 mg/l

Fresh water Value: 0,0115 mg/l

Fresh water sediment Value: 0,283 mg/kg

Marine water Value: 0,00115 mg/l

Marine sediment Value: 0,0283 mg/kg

Soil Value: 0,223 mg/kg

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## **8.2 Exposure controls**

### **Engineering measures**

Effective exhaust ventilation system effective ventilation in all processing areas

### **Personal protective equipment**

Eye protection :

1. Do not wear contact lenses
2. Safety glasses with side-shields conforming to EN166
3. Ensure that eyewash stations and safety showers are close to the workstation location.

Hand protection

Material

1. Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Skin and body protection :

1. Protective suit

Respiratory protection

If adequate ventilation is not possible use a respirator with an approved filter. Respirator with a vapour filter (EN 141)

Apply technical measures to comply with the occupational exposure limits. This should be achieved by a good general extraction and if practically feasible by the use of a local exhaust ventilation.

Protective measures

1. Avoid contact with skin.
2. Wear suitable protective equipment

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## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties :**

Appearance : liquid

Colour : Transparent

Odour : No

Odour Threshold : not determined

pH : not determined

Melting point/freezing point : not determined

Boiling point/boiling range : 269°C

Flash point : 269°C

Evaporation rate : not determined

Upper explosion limit : not determined

Lower explosion limit : not determined

Vapour pressure : not determined

Relative vapour density : not determined

Density : 1,15 g/cm<sup>3</sup> (25 °C)

Bulk density : not determined

Solubility (ies)

Solubility in other solvents : not determined

Partition coefficient: n- : octanol/water : No data available

Auto-ignition temperature : Not applicable

Thermal decomposition : Not applicable

Method : No data available

Viscosity : 1000-2000mPa.s (25 °C)

Viscosity, kinematic : not determined

Explosive properties : Not applicable

Oxidizing properties : Not applicable

### **9.2 Other information**

Surface tension : Not determined

Sublimation point : Not applicable

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

Stable under recommended storage conditions.

### **10.2 Chemical stability**

No decomposition if stored and applied as directed.

### **10.3 Possibility of hazardous reactions**

Hazardous reactions

Reacts with the following substances : Bases

Strong oxidizing agents

Avoid amines.

### **10.4 Conditions to avoid**

**Conditions to avoid :** No decomposition if used as directed.

### **10.5 Incompatible materials**

**Materials to avoid :** Incompatible with oxidizing agents.

### **10.6 Hazardous decomposition products**

**Hazardous decomposition products :** This product may release the following: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

Non-toxic and tasteless

Product : Non-toxic and tasteless

Remarks : No data available

Components:

reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight < 700):



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**Skin corrosion/irritation**

Product: No

Remarks: No data available

**Components:**

**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <- 700):**

**This product has not been tested. Judgements on the expected toxicity have been made based on considerations of its components.**

Species: Rabbit

Exposure time: 4 h

Method: OECD Test Guideline 404 Result: Skin irritation

GLP: yes

**Serious eye damage/eye irritation**

Product:

Remarks: No data available

Respiratory or skin sensitisation

**Product:**

Remarks: No data available

**Components:**

**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <700):**

Test Type: Mouse Local Lymph Node assay (LLNA)

Species: Mouse

Method: OECD Test Guideline 429 Result: May cause sensitisation by skin contact

GLP: yes

**Germ cell mutagenicity**

**Carcinogenicity**

**Reproductive toxicity**

**STOT -single exposure**

**Product: Remarks: Not applicable**

**STOT -repeated exposure**

**Repeated dose toxicity**

**Product:**

Remarks: No data available

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## Aspiration toxicity

### Components:

**reaction product: bisphenol-A-epichlorhydrin) and epoxy resin (number average molecular weight <700):**

No aspiration toxicity classification

## Further information

### Product:

Remarks: No data available

## SECTION 12: Ecological information

**Additional Information:** Amines in general may be harmful to aquatic organisms.

**Aquatic Toxicity:** No further relevant information available

**Persistence and Degradability:** No further relevant information available.

**Biocumulative Potential:** No further relevant information available.

**Mobility in Soil:** No further relevant information available.

### 12.2 Persistence and degradability

#### Product

Biodegradability : Remarks: No data available

#### Components :

**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight 700):**

#### Biodegradability :

Result: Not readily biodegradable. Method: OECD Test Guideline 301F

GLP: yes

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data available

**12.4 Mobility in soil** No data available

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### **SECTION 13: Disposal considerations**

Waste Disposal Method: Dispose of in accordance with federal, state and/or local regulations

Recommendations: Cured product may be disposed of together with household garbage

### **SECTION 14: Transport information**

DOT ,ADR AND IMDG ,IATA: Non-hazardous for transport

Hazard Class under:

DOT ,ADR AND IMDG ,IATA: Non-hazardous for transport

Marine Pollutant: Non-hazardous for transport

Notes: Not regulated under DOT, ADR, AND, IMDG, IATA

### **SECTION 15: Regulatory information**

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

##### **Sources:**

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EU 830/2015. CLP 1272/2008.

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### **15.2 Chemical safety assessment**

Chemical safety assessments have not been performed for this product.

### **SECTION 16: Other information**

#### **Full text of H-phrases as mentioned in section 3:**

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

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**Resource Conservation and Recovery Act (RCRA):**

Not a hazardous waste under RCRA (40 CFR 261).

**Toxic Substances Control Act (TSCA):**

All ingredients are on the TSCA inventory and are exempt as per 40CFR723.50 Low Volume Exemption(LVE) and Low Environmental Release and Low Human Exposure Exemption (LoREX).

**SARA Title III: Section 304 - CERCLA:** Not listed.

**SARA Title III: Section 313 Toxic Chemical List (TCL):**

This product does NOT contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Sec. 313 (40 CFR 372). This information must be included in all SDSs that are copied and distributed for this material.

**Proposition 65 (Safe Drinking Water and Toxic Chemicals Act):**

None of the components of this formula are known to cause cancer, birth defects or other reproductive harm.

**The product passed the Food Simulated Solvent Extraction (FSSE) test.**

**This product complies with ASTM D4236.** Revision date: April 2019 - All rights reserved

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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## Section 1: Identification of the substance/mixture and of the company/undertaking

**1.1 Product Identifier** Trade Name : Apex Resin® Deep Cast (Hardener)

**1.2 Relevant identified uses of the substance or mixture and uses advised against**  
**Identified uses** Decorative and protective epoxy coating/casting for artwork/creative applications.  
Chemical family: Two part epoxy resin

### 1.3 Details of the supplier of the safety data sheet

Company : Just4youonlineUK Ltd

Telephone : +44(0) 7513119064

Web : just4youonlineuk.com

Address: Gainsborough Road, Warrington. Cheshire. WA4 6BZ United Kingdom

**1.4 Emergency telephone number +44(0) 1925 695405**

## SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture according to CLP no 1272/2008**

Acute Tox. 4; H302. Acute Tox. 4; H312 Eye Dam. 1; H318 Toxic to aquatic life with long H411

**2.2 Label elements CLP No 1272/2008**

**Hazard Pictograms:** GHS07 GHS09 GHS05



**Signal Word:** DANGER

**Hazard Statement(s):**

Acute Tox. 4; H302

Acute Tox. 4; H312

Eye Dam. 1; H318

Toxic to aquatic life with long H411

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## Precautionary Statements:

P261 Avoid breathing mist/vapor.

P280 Wear protective gloves/eye protection.

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 if you feel unwell.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/ container in accordance with national regulations.

EUH205 Contains epoxy constituents. May produce an allergic reaction

**First Aid measures are listed in the event the product is not used as intended.**

**Following the usage instructions provided will ensure first aid measures are not likely needed.**

**General Information:** If you are in doubt or any symptoms persist, seek medical attention

**Inhalation:** Breathe fresh air at the ventilation. If discomfort continues, seek medical attention

**Skin contact:** Wash skin with lotion or soapy water. Remove contaminated clothing. If skin allergies are caused. Stop contact and seek medical help.

**Contact with eyes:** As soon as possible with plenty of water rinse for 15 minutes. If further discomfort, please seek medical help.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

## SECTION 3: Composition/information of ingredients

### 3.2 Mixtures

Chemical nature: Modified epoxy resin

Common Names/Synonyms: Epoxy Resin, Epoxy Coating, Novolac Epoxy, Two-part Epoxy

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Chemical Name	CAS No.	EC No.	Concentration %	Classification CLP
Modified Amine Adduct	61791-26-2	932-738-2	91%	Acute Tox. 4; H302 Acute Tox. 4; H312 Eye Dam. 1; H318 Toxic to aquatic life with long H411
Thinner	2425-79-8	219-371-7	<10%	Acute Tox. 4; H302 Acute Tox. 4; H312 Eye Dam. 1; H318 Toxic to aquatic life with long H411

## SECTION 4 : First aid measures

### 4.1 Description of first aid measures

**General Information:** If you are in doubt or any symptoms persist, seek medical attention

**Inhalation:** Breathe fresh air at the ventilation. If discomfort continues, seek medical attention

**Skin contact:** Wash skin with lotion or soapy water. Remove contaminated clothing. If skin allergies are caused. Stop contact and seek medical help.

**Contact with eyes:** As soon as possible with plenty of water rinse for 15 minutes. If further discomfort, please seek medical help.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

### 4.2 Signs of immediate medical attention and special treatment:

no information available.

## SECTION 5 : Firefighting measures

### 5.1 Extinguishing media:

Foam, sand, Carbon dioxide(Co2), water mist.

**Unsuitable extinguishing media:** Water spray jet



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## **5.2 Special hazards arising from the substance or mixture:**

### **Special hazards during fires :**

1. Under high temperature, the pressure inside the sealed container will increase.
2. Cool closed containers exposed to fire with water spray.

## **5.3 Advice for firefighters**

1. Special protective equipment or firefighters: In the event of a fire, wear self-contained breathing apparatus and use personal protective equipment.

## **2. Further information: Do not inhale fumes in the event of fire or explosion. Use fire-fighting measures appropriate to the local environment**

**Immediately evacuate personnel to a safe area. To prevent fire water from contaminating the surface water system, fire residues and contaminated fire water must be disposed of in accordance with local regulations.**

## **SECTION 6: Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

#### **6.1 Personal precautions:**

1. Refer to the protective measures listed in Articles 7 and 8.
2. Disperse personnel into a safe area.
3. Use personal protective equipment.
4. Ensure adequate ventilation.

#### **6.2 Environmental precautions**

1. If there is a large amount of gas leaking or entering the waterway, soil or drain, it should be notified to the relevant government departments.
2. Do not allow products to be discharged into the environment uncontrolled.

#### **6.3 Methods and materials for separation and cleaning:**

##### **Cleaning method:**

1. Soak with inert absorbent material (sand, silica gel, acid binder, universal adhesive, etc.).
2. Contain spillage, then collect with non-combustible ab-type adsorbent material (sand, earth, diatomaceous earth, silver mud mica), place in a container, and dispose of it according to local national regulations (see Section 13). Go to the container labelled with the appropriate label.

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**6.4 Refer to other sections:**

See section 8 for personal protection.

**SECTION 7: Handling and storage**

**7.1 Safety Handling Precautions:**

Wear appropriate personal protective equipment – see section 8. Avoid contact with skin and eyes. Avoid breathing mist/vapor. Provide adequate ventilation. Do not eat, drink or smoke when using this product. Keep this product away from food and out of reach of children and pets. Remove work clothes and protective equipment before meals. The packaging is handled and opened carefully. Wash hands after handling the product. Remove contaminated clothing. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep container tightly closed when not in use. Use only in well ventilated areas.

**Fire and explosion protection recommendations:** Keep away from open flames, hot surfaces and sources of ignition.

**Hygiene measures:** Provide adequate ventilation and wash hands immediately before and after using this product.

**7.2 Safe storage conditions, including any incompatibilities**

Keep away from all possible source of ignition. Store in a cool, dry, well ventilated location, product should not be returned to the original container. Keep container tightly closed. Keep away from combustible materials, heat or sunlight. Keep out of the reach of children.

**Other data:** Areas where normal temperature and pressure are stable.

**7.3 Specific end use(s):** This product should only be used for applications described in Section 1.2.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters** Contains no substances with occupational exposure limit values.  
**Derived No Effect Level (DNEL) according to Regulation 1272/2008.**

**1.Reaction product: bisphenol-A End Use: Workers (epichlorhydrin) and epoxy resin (number average mo- lecular weight < # 700 )**

**DNEL:**

Consumer - Chronic systemic - Inhalation: 9.25 mg/m<sup>3</sup> Workers - Chronic local - Inhalation: 9.25 mg/m<sup>3</sup>

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Workers - Chronic systemic - Inhalation: 9.25 mg/m<sup>3</sup>

Consumer - Chronic local - Inhalation: 9.25 mg/m<sup>3</sup>

**PNEC:**

-

**8.2 Exposure controls**

**Appropriate technical measures:**

Airborne concentrations must be kept as low as possible. Provide sufficient ventilation.

**General information / Hygiene measures:**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. Make sure that eyewash are clearly marked. Avoid contact with eyes and skin. Avoid breathing vapor.

**Personal protective equipment:**

Only CE-marked personal protection equipment should be used.

**Respiratory protection: Hand protection:**

In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection:**

Wear protective gloves made of the following material: Polyethylene. Polypropylene, Viton. EN 374.

**Eye protection:**

Wear eye protection. EN 166.

**Body protection:**

Wear appropriate protective clothing.

**Measures to avoid environmental exposure:**

Avoid discharge to lakes, streams, sewers, etc

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## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties :**

Appearance : liquid

Colour : Transparent

Odour : No

Odour Threshold : not determined

pH : not determined

Melting point/freezing point : not determined

Boiling point/boiling range : 269°C

Flash point : 269°C

Evaporation rate : not determined

Upper explosion limit : not determined

Lower explosion limit : not determined

Vapour pressure : not determined

Relative vapour density : not determined

Density : 1,15 g/cm<sup>3</sup> (25 °C)

Bulk density : not determined

Solubility (ies)

Solubility in other solvents : not determined

Partition coefficient: n- : octanol/water : No data available

Auto-ignition temperature : Not applicable

Thermal decomposition : Not applicable

Method : No data available

Viscosity : 1000-2000mPa.s (25 °C)

Viscosity, kinematic : not determined

Explosive properties : Not applicable

Oxidizing properties : Not applicable

### **9.2 Other information**

Surface tension : Not determined

Sublimation point : Not applicable

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

Stable under recommended storage conditions.

### **10.2 Chemical stability**

No decomposition if stored and applied as directed.

### **10.3 Possibility of hazardous reactions**

Hazardous reactions

Reacts with the following substances : Bases

Strong oxidizing agents

Avoid amines.

### **10.4 Conditions to avoid**

**Conditions to avoid :** No decomposition if used as directed.

### **10.5 Incompatible materials**

**Materials to avoid :** Incompatible with oxidizing agents.

### **10.6 Hazardous decomposition products**

**Hazardous decomposition products :** This product may release the following: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

Non-toxic and tasteless

Product : Non-toxic and tasteless

Remarks : No data available

#### **Components:**

reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight < 700):

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**Skin corrosion/irritation**

Product: No

Remarks: No data available

**Components:**

**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <- 700):**

**This product has not been tested. Judgements on the expected toxicity have been made based on considerations of its components.**

Species: Rabbit

Exposure time: 4 h

Method: OECD Test Guideline 404 Result: Skin irritation

GLP: yes

**Serious eye damage/eye irritation**

**Product:**

Remarks: No data available

Respiratory or skin sensitisation

**Product:**

Remarks: No data available

**Components:**

**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <700):**

Method: OECD Test Guideline 429 Result: May cause sensitisation by skin contact

GLP: yes

Aspiration toxicity

**Components:**

**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <700):**

No aspiration toxicity classification

**Further information**

**Product:**

Remarks: No data available

According to Regulation (EC) No. 1907/2006

Version 2.0 Revision Date 04.01.2022 Print Date 05.01.2022



## **SECTION 12: Ecological information**

**Additional Information:** Amines in general may be harmful to aquatic organisms.

**Aquatic Toxicity:** No further relevant information available

**Persistence and Degradability:** No further relevant information available.

**Biocumulative Potential:** No further relevant information available.

**Mobility in Soil:** No further relevant information available.

### **12.2 Persistence and degradability**

#### **Product**

Biodegradability : Remarks: No data available

#### **Components :**

**reaction product: bisphenol-A-(epichiorhydrin) and opoxy resin (number average molecular weight 700):**

#### **Biodegradability :**

Result: Not readily biodegradable. Method: OECD Test Guideline 301F

GLP: yes

### **12.3 Bioaccumulative potential**

#### **Product:**

Bioaccumulation : Remarks: No data available

**12.4 Mobility in soil** No data available

According to Regulation (EC) No. 1907/2006

Version 2.0 Revision Date 04.01.2022 Print Date 05.01.2022



### **SECTION 13: Disposal considerations**

Waste Disposal Method: Dispose of in accordance with federal, state and/or local regulations

Recommendations: Cured product may be disposed of together with household garbage

### **SECTION 14: Transport information**

DOT ,ADR AND IMDG ,IATA: Non-hazardous for transport

Hazard Class under:

DOT ,ADR AND IMDG ,IATA: Non-hazardous for transport

Marine Pollutant: Non-hazardous for transport

Notes: Not regulated under DOT, ADR, AND, IMDG, IATA

### **SECTION 15: Regulatory information**

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

##### **Sources:**

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EU 830/2015. CLP 1272/2008.



According to Regulation (EC) No. 1907/2006

Version 2.0 Revision Date 04.01.2022 Print Date 05.01.2022



## **15.2 Chemical safety assessment**

Chemical safety assessments have not been performed for this product.

## **SECTION 16: Other information**

### **Full text of H-phrases as mentioned in section 3:**

H302: Harmful if swallowed.

H312: Harmful in contact with skin

H318: Causes serious eye damage

H411: Toxic to aquatic life with long lasting effects.

According to Regulation (EC) No. 1907/2006

Version 2.0 Revision Date 04.01.2022 Print Date 05.01.2022



**Resource Conservation and Recovery Act (RCRA):**

Not a hazardous waste under RCRA (40 CFR 261).

**Toxic Substances Control Act (TSCA):**

All ingredients are on the TSCA inventory and are exempt as per 40CFR723.50 Low Volume Exemption(LVE) and Low Environmental Release and Low Human Exposure Exemption (LoREX).

**SARA Title III: Section 304 - CERCLA:** Not listed.

**SARA Title III: Section 313 Toxic Chemical List (TCL):**

This product does NOT contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Sec. 313 (40 CFR 372). This information must be included in all SDSs that are copied and distributed for this material.

**Proposition 65 (Safe Drinking Water and Toxic Chemicals Act):**

None of the components of this formula are known to the state of California to cause cancer, birth defects or other reproductive harm.

**The product passed the Food Simulated Solvent Extraction (FSSE) test.**

**This product complies with ASTM D4236.** Revision date: April 2019 - All rights reserved

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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