

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

## 09785 Epoxy Resin, UV-Stable, Resin

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Revised edition: 09.02.2022

Version: 5

Printed: 28.03.2022

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Epoxy Resin, UV-Stable, Resin

*Article No.:* 09785

*UFI:* --

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*  
Coatings

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Interlabshop BV

*Address:* Lage Brink 23, 7317BD Apeldoorn The Netherlands

*Tel./Fax.:* +31(0)55-5215016

*Internet:* www.labshop.nl

*EMail:* labshop@labshop.nl

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* 112 (24 hours a day)

#### 1.4.2 Poison Center:

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*Skin irritation, hazard category 2*  
*Skin sensitization, hazard category 1*  
*Eye irritation, hazard category 2*  
*Chronic aquatic toxicity, hazard category 2*

H315	Causes skin irritation.
Cat.: 2	
H317	May cause an allergic skin reaction.
Cat.: 1	
H319	Causes serious eye irritation.
Cat.: 2	
H411	Toxic to aquatic life with long lasting effects.
Cat.: 2	

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*Hazard designation:*

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GHS07



GHS09-1

*Signal word:*

Warning

*Hazard designation:*

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.

*Safety designation:*

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical attention.
P501	Dispose of contents/ container according to regional, national and international regulations.

*Hazardous components for labelling:*

### 2.3. Other Hazards

## 3. Composition/Information on Ingredients

### 3.1. Substance

### 3.2. Mixture

*This produkt is a mixture.*

*Chemical Characterization:*

*Information on Components / Hazardous Ingredients:*

Reaction product: Bisphenol-A (epichlorhydrin) epoxy resin (average mol.-weight <700 (Xi, N; R36/38-43- 51/53; H315-319-317-411); REACH Nr. 01-2119456619-26	50 - 100 %	CAS-Nr: 25068-38-6 EINECS-Nr: 500-033-5 EC-Nr: 603-074-00-8
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Oxiram, Mono [(C12-14-alklyoxy)methyl]] derivate (H315-317)	10 - 25 %	CAS-Nr: 68609-97-2 EINECS-Nr: 271-846-8 EC-Nr:
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*Additional information:*

## First Aid Measures

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**4.****4.1. Description of the First Aid Measures***General information:**Remove contaminated clothes immediately.**After inhalation:**Supply fresh air and seek medical advice in case of complaints.  
In case of unconsciousness place patient stable in side position for transportation.**After skin contact:**Wash off immediately with soap and plenty of water and rinse thoroughly.**After eye contact:**Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.**After ingestion:**If symptoms persist, call a physician.***4.2. Most important Symptoms and Effects, both Acute and Delayed***Symptoms:**No further information available.**Effects:***4.3. Indication of any Immediate Medical Attention and special Treatment needed***Treatment:**No further information available.*

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**5. Fire-Fighting Measures****5.1. Extinguishing Media***Suitable extinguishing media:**Use extinguishing media for surrounding fire.**Unsuitable extinguishing media:***5.2. Special Hazards arising from the Substance or Mixture***Special hazards:**No information available.***5.3. Advice for Firefighters***Protective equipment:**No special measures required.**Further information:*

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**6. Accidental Release Measures****6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**No special measures required.***6.2. Environmental Precautions**

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### *Environmental precautions:*

*Contact local authorities if product pollutes soil or vegetation.*

*Do not allow entering sewage system or water.*

### 6.3. Methods and Material for Containment and Cleaning Up

#### *Methods and material:*

*Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent, saw dust) and dispose accordingly.*

*Dispose of contaminated material as waste according to section 13.*

### 6.4. Reference to other Sections

*Protective clothing, see Section 8.*

*For information for safe handling see Section 7.*

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

#### *Instructions on safe handling:*

*Provide adequate ventilation.*

*Avoid the formation of aerosol.*

#### *Hygienic measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

#### *Storage conditions:*

*Keep container tightly closed*

#### *Requirements for storage areas and containers:*

*No special measures necessary.*

#### *Information on fire and explosion protection:*

*No special measures necessary.*

#### *Storage class:*

#### *Further Information:*

### 7.3. Specific End Use(s)

#### *Further information:*

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## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

#### *Parameters to be controlled (DE):*

*No occupational exposure limits known.*

#### *Parameters to be controlled:*

#### *Derived No-Effect Level (DNEL):*

#### *Predicted No-Effect Concentration (PNEC):*

#### *Additional Information:*

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### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation/exhaust system.*

*Personal Protection*

*General protective measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Avoid contact with eyes and skin.*

*Remove contaminated clothing immediately.*

*Respiratory protection:*

*Respirator mask required if ventilation is insufficient. Wear filter respirator in case of short-term or low exposure, and wear a self-contained breathing apparatus in case of long-term or higher exposure.*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Nitrile rubber (NBR)*

*Eye protection:*

*Tightly fitting safety goggles (EN 166).*

*Body protection:*

*No special protection required.*

*Environmental precautions:*

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### 9. Physical and Chemical Properties

#### 9.1. Information on Basic Physical and Chemical Properties

*Form:* liquid

*Color:*

*Odor:* characteristic

*Odor threshold:*  
not determined

*pH-Value:*  
not determined

*Melting temperature:*  
not determined

*Boiling temperature:* 201°C

*Flash point:*

*Evaporation rate:*  
not determined

*Flammability (solid, gas):*  
not applicable

*Upper explosion limit:*

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*not determined*

*Lower explosion limit:*

*not determined*

*Vapor pressure:*

*not determined*

*Vapor density:*

*not determined*

*Density:*

1.12 g/cm<sup>3</sup>

*Solubility in water:*

*not miscible*

*Coefficient of variation (n-  
Octanol/Water):*

*not determined*

*Auto-ignition temperature:*

*Product is not auto-ignitable.*

*Decomposition temperature:*

*not determined*

*Viscosity, dynamic:*

*not determined*

*Explosive properties:*

*Product does not present an explosion hazard.*

*Oxidizing properties:*

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:* 100 %

*Particle size:*

*Other information:*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*No information available.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*Unknown.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

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*Thermal decomposition:*

*No decomposition if used according to specifications.*

**10.5. Incompatible Materials**

*None known.*

**10.6. Hazardous Decomposition Products**

*None known.*

**10.7. Further Information**

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**11. Toxicological Information**

**11.1. Information on Toxicological Effects**

*No toxicity expected.*

*Acute Toxicity*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*Causes skin irritation.*

*Irritant effect on eyes:*

*Causes serious eye irritation.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*May cause allergic skin reactions.*

*Mutagenicity:*

*No mutagenic effects known.*

*Reproductive toxicity:*

*No reproductive toxicity expected.*

*Carcinogenicity:*

*No cancerogenic effect known.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*Single exposure: no organospecific toxicity expected.*

*Repeated exposure: no organospecific toxicity expected.*

*Additional toxicological information:*

*Aspiration hazard: no data available*

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**12. Ecological Information**

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### 12.1. Aquatic Toxicity

*No information available.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12.2. Persistency and Degradability

*No information available.*

### 12.3. Bioaccumulation

*No information available.*

### 12.4. Mobility

*No information available.*

### 12.5. Results of PBT- und vPvP Assessment

*Not applicable.*

### 12.6. Other Adverse Effects

*Water hazard class:*

*2 (German Regulation) (Assessment by list): hazardous.*

*Do not let product contaminate ground water, waterways or sewage system.*

*Danger to drinking water even if small quantities leak into the ground. Also poisonous for fish and plankton in water bodies.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*AOX Value:*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*Must not be disposed together with household garbage.*

*European Waste Code (EWC):*

*070299 - Wastes not otherwise specified*

*Uncleaned packaging:*

*Dispose of according to official local regulations.*

*Waste Code No.:*

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## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

*3082*

### 14.2. UN Proper Shipping Name

*ADR/RID:*

*UMWELTGEFÄHRDENDER STOFF, FLÜSSIG, N.A.G.*

*IMDG/IATA:*

*ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S.*

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**14.3. Transport Hazard Classes**

<i>ADR Class:</i>	9
<i>Hazard no.:</i>	9
<i>Classification code:</i>	M6
<i>Tunnel restriction code:</i>	E
<i>IMDG Class (sea):</i>	9
<i>Hazard no.:</i>	9
<i>EmS No.:</i>	F-A, S-F
<i>IATA Class:</i>	9
<i>Hazard no.:</i>	9

**14.4. Packaging Group**

<i>ADR/RID:</i>	III
<i>IMDG:</i>	III
<i>IATA:</i>	III

**14.5. Environmental Hazards**

*Labelling according 5.2.1.8 ADR/RID: fish and tree*

**14.6. Special Precautions for User**

*Warning: various dangerous materials and products.*

**14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code**

*not applicable*

**14.8. Further Information**

**15. Regulatory Information**

**15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture**

*Water hazard class:*

*2, hazardous for water (German Regulation)*

*Local regulations on chemical accidents:*

*Seveso III:*

*Category E2: Environmentally hazardous: Amount 2: 200 t;  
Amount 3: 500 t*

*Employment restrictions:*

*Restriction and prohibition of application:*

*EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles, Registered no. 3*

*Technical instructions on air quality:*

**15.2. Chemical Safety Assessment**

*A Chemical Safety Assessment has not been carried out for this product.*

**15.3. Further Information**

*RoHS Directive 2011/65/EC on the Restriction of the Use of*

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*Certain Hazardous Substances in Electrical and Electronic Equipment (RoHs): not listed.*

*Regulation (EU) No. 2019/1148, Annex I - Restricted Explosives Precursors (upper limit value for the purpose of licensing under Article 5(3)): None of the ingredients is listed.*

*Regulation (EC) 273/2004, On Drug Precursors, Category 3: None of the ingredients is listed.*

*Regulation (EC) 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors: not forbidden and/or not restricted*

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#### **16. Other Information**

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*