

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Revised on: 31.01.2026

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

• **1.1 Product identifier**

• **Trade Name: *Epox 4307***

UFI: KU70-70MQ-U009-1137

• **1.2 Relevant identified uses of the substance or mixture and uses of which is discouraged**

No further relevant information available

• **Use of the substance / mixture:** epoxy binder

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

• **Supplier:**

DD Composite GmbH

Zu den Bürgerhufen 6

04924 Bad Liebenwerda (OT Lausitz)

Tel. 035341/47098, Fax: 035341/47099, Email: info@phd-24.de

• **Emergency number:** Poison Emergency Call Mainz - 24 Hour Emergency Service - Tel.: +49 (0) 6131/19240

SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**

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

Skin Irrit. 2

H315 causes skin irritation.

Eye Irrit. 2

H319 Causes severe eye irritation.

Skin Sens. 1

H317 May cause allergic skin reactions.

Aquatic Chronic 2

H411 Toxic to aquatic life, with long-term effects.

• **2.2 Identification elements**

• **Marking according to Regulation (EC) No. 1272/2008**

The product is classified and labelled in accordance with the CLP Regulation.

• **Hazard pictograms**



GHS07



GHS09

• **Signal word** Warning

• **Hazard-determining components for labelling:**

Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and 2-{2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl}oxirane and 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane bis-[4-(2,3-epoxypropoxy)phenyl]propane

p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

Poly[oxy(methyl-1,2-ethanediyl)], α -(2-oxiranylmethyl)-w-(2-oxiranylmethoxy)-

• **Hazard statements**

H315 causes skin irritation.

H319 Causes severe eye irritation.

H317 May cause allergic skin reactions.

H411 Toxic to aquatic life, with long-term effects.

• **Precautionary statements**

P261 Avoid inhalation of dust/smoke/gas/mist/vapour/aerosol.

P273 Avoid release into the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IN CASE OF CONTACT WITH EYES: Rinse gently with water for a few minutes.

Remove any contact lenses if possible. Continue rinsing.

P333 + P313 In case of skin irritation or rash: Seek medical advice/medical help.

P501 Disposal of contents/container according to local/regional/national/international regulations.

• **Additional information:**

EUH205 Contains epoxy constituents. May produce an allergic reaction.

• **2.3 Other hazards**

• **PBT and vPvB assessment results**

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

• **3.1 Mixtures**

• **Description:**

Epoxy resin formulation based on bisphenol A liquid resin and bisphenol F liquid resin

• **Dangerous components::**

EC number: 701-263-0 Reg.nr.: 01-2119454392-40-xxxx	Reaction mass of 2, 2' - [methylenebis(4, 1-phenyleneoxymethylene)]dioxirane and 2-{[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl oxirane and 2, 2' - [methylenebis(2,1-phenyleneoxymethylene)]dioxirane Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	30-60%
CAS: 1675-54-3 EINECS: 216-823-5 Reg.nr.: 01-2119456619-26-xxxx	bis-[4-(2,3-epoxypropoxy)phenyl]propane Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317, EUH205 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5 % Eye Irrit. 2; H319: C ≥ 5%	10-20%
CAS: 3101-60-8 EINECS: 221-453-2 Reg.nr.: 01-2119959496-20-xxxx	Oxirane,[[4-(1,1-dimethylethyl)phenoxy]methyl]- Skin Irrit. 2, H315; Skin Sens. 1, H317	10-20%
CAS: 26142-30-3 Polymer	Poly[oxy(methyl-1,2-ethanediyl)],a-(2-oxiranylmethyl)-w-(2-oxiranylmethoxy)- Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	10-20%

• **additional. Notes:**

CAS 9072-62-2 can be used as an alternative CAS for 26142-30-3.

The wording of the hazard statements quoted can be found in Chapter 16.

SECTION 4: First aid measures

• **4.1 Description of first aid measures**

• **General instructions:** Remove garments contaminated with the product immediately.

• **after inhalation:**

In case of complaints, seek medical treatment.

Plenty of fresh air and consult a doctor to be on the safe side.

In case of unconsciousness, storage and transport in a stable lateral position.

• **after skin contact:**

In case of persistent skin irritation, consult a doctor.

Wash off immediately with water.

• **after eye contact:**

Rinse eyes under running water for several minutes with the eyelid slit open and consult a doctor.

• **after ingestion:** Seek medical advice immediately.

• **Notes for the doctor:**

There are no known special measures to undertake symptomatic treatment.

• **4.2 Main acute and delayed symptoms and effects**

No other relevant information available.

• **4.3 Indications of immediate medical assistance or special treatment**

No other relevant information available.

SECTION 5: Firefighting measures

• **5.1 Extinguishing agents**

• **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray jet. Larger fire with water spray jet or alcohol-resistant foam

• **Extinguishing agents unsuitable for safety reasons:** water in a full stream.

• **5.2 Specific hazards posed by the substance or mixture**

When heated or in the event of a fire, toxic gases may form.

No other relevant information available.

• **5.3 Instructions for firefighting**

• **Special protective equipment:** No special measures required.

• **Further information**

Fire residues and contaminated extinguishing water must be disposed of in accordance with official regulations

SECTION 6: Accidental release measures

• **6.1 Personal precautions, protective equipment and procedures to be followed in emergencies**

Wear personal protective clothing.

• **6.2 Environmental protection measures:**

Do not allow to get into the ground.

Do not allow to enter the sewer system or water bodies.

In the event of intrusion into water or sewerage, notify the competent authorities

• **6.3 Methods and material for retention and purification:**

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder, sawdust).

Dispose of contaminated material as waste in accordance with point 13.

Provide adequate ventilation.

• **6.4 Reference to other sections**

For information on safe handling, see section 7.

For information on personal protective equipment, see section 8.

For information on disposal, see Section 13.

Clean the accident site carefully.

SECTION 7: Handling and storage

• **7.1 Protective measures for safe handling**

The usual precautions when handling chemicals must be observed.

Keep container tightly closed.

Provide good ventilation/extraction in the workplace.

Avoid aerosol formation.

- **Notes on fire and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage taking into account incompatibilities**
- **Storage:**
- **Requirements for storage rooms and containers:**
Store only in the original container.
Store the container tightly closed, dry, frost-free.
Provide a floor pan without a drain.
- **Storage instructions:** Store separately from food.
- **Further information on storage conditions:** Keep container tightly closed.
- **Bearing class:** : 6.1 C
- **Classification according to the Industrial Safety Ordinance (BetrSichV):** -
- **7.3 Specific End Applications** No other relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information on the design of technical systems:**
No further information, see point 7.
- **8.1 Parameters to be monitored**
- **Components with workplace-related limit values to be monitored:**

1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenylenoxymethylene)]bisoxirane		
MAK	cf. Sect. IIb	
3101-60-8 p-tert-butylphenyl 1-(2,3-epoxy)propyl ether		
MAK	as vapor and aerosol, cf. Sect. IV	
· DNEL values		
Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl}oxirane and 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane		
Dermal	DNEL - worker	104.15 mg/kg/bw/d
Inhalation	DNEL - worker	29.39 mg/m ³
1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenylenoxymethylene)]bisoxirane		
Dermal	DNEL - worker	8.33 mg/kg/bw/d
Inhalation	DNEL - worker	12.25 mg/m ³
3101-60-8 p-tert-butylphenyl 1-(2,3-epoxy)propyl ether		
Dermal	DNEL - worker	1 mg/kg/bw/d
· PNEC values		
Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl}oxirane and 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane		
PNEC (predicted no effect concentration)		0.003 mg/l (fresh water) 0.0003 mg/l (seawater)
1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenylenoxymethylene)]bisoxirane		
PNEC (predicted no effect concentration)		0.006 mg/l (fresh water) 0.0006 mg/l (seawater)

- **Additional Notes:**
The lists valid at the time of preparation served as a basis.
Recommended analytical methods for workplace measurements" of the Federal Institute for Occupational Safety and Health
and occupational medicine (BAuA). <http://www.baua.de/de/Publikationen/Fachbuchreihe/Arbeitsplatzmessungen.html>

Measurement methods are used by the Institute for Occupational Safety (IFA) of the German Statutory

Accident insurance in a workbook "Measurement of hazardous substances - Determination of exposure to chemical and biological effects"

<http://www.dguv.de/ifa/de/pub/mappe/index.jsp>

Methods for determining concentrations are also being developed by a working group of the Commission for the Examination of Harmful Substances in the Workplace of the German Research Foundation (DFG) in the loose-leaf collection "Analytical Methods for Testing" Hazardous Substances, Volume 1 Air Analyses" (service@wiley-vch.de)

For carcinogenic hazardous substances, the employers' liability insurance associations
Method for determining concentrations in the air in working areas as
(BGI 505-xx).

Download:

www.dguv.de/publikationen under the search term "BGI 505" or on www.arbeitssicherheit.de
from the BGVR directory (BG information)

• 8.2 Limitation and monitoring of exposure

• Personal protective equipment:

• General protective and hygiene measures:

Keep away from food, drink and feed.

Remove soiled, soaked clothing immediately.

Wash your hands before breaks and at the end of work.

Avoid contact with eyes and skin.

• Respiratory protection:

In case of short-term or low load, breathing filter device; in case of intensive or prolonged exposure

Use self-contained breathing apparatus.

• Recommended filter device for short-term use:



Combination filter A-P2

• Hand protection:



Plastic gloves

Use only chemicals - protective gloves according to EN ISO 374-1.

To minimize moisture in the glove due to sweating, it is necessary to change the gloves required during a shift.

Before each reuse of the glove, the tightness must be checked.

Preventive skin protection by using skin protection products is recommended.

The glove material must be impermeable and resistant to the product/fabric/

Preparation.

Selection of glove material taking into account breakthrough times, permeation rates and of degradation.

• Glove material

Nitrile Rubber

Fluororubber (Viton)

Recommended material thickness: ≥ 0.5 mm

Further information on suitable protective gloves can be found under www.gisbau.de/service/epoxi/expotab.html

The selection of a suitable glove depends not only on the material, but also on other quality characteristics and varies from manufacturer to manufacturer. Since the product is a preparation of several substances, the resistance of glove materials is not predictable and must therefore be checked before use.

• Penetration time of the glove material

The exact breakthrough time must be found out from the protective glove manufacturer and adhered to.

Permeation value: Level ≥ 480 min

Gloves made of the following materials are suitable for continuous contact: Nitrile rubber

· **For continuous contact of a maximum of 15 minutes, gloves made of the following materials**

Suitable:

Nitrile rubber (disposable glove)

· **Gloves made of the following materials are suitable for splash protection:**

Nitrile rubber (disposable glove)

· **Gloves made of the following materials are not suitable:**

Gloves made of thick fabric.

Leather gloves.

· **Eye/face protection**

Safety goggles.

Safety goggles recommended when decanting.

· **Body protection:** protective work clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General information

· Physical state	liquid
· Color	colorless
· Smell:	characteristic
· Odour threshold:	Not definitely.
· Melting point/freezing point:	Not determined
· boiling point or beginning of boiling and Boiling range	> 200 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not definitely.
· Upper:	Not definitely.
· Flash Point:	> 100 °C
· Decomposition Temperature:	Not definitely.
· pH value:	Not applicable.
· Viscosity:	
· Kinematic Viscosity	Not definitely.
· dynamic at 20°C:	900 mPas (ISO 3219)
· Solubility	
· Water:	immiscible or slightly miscible
· Distribution coefficient n-octanol/water (logvalue)	Not definitely.
· Vapor pressure at 20°C:	<1 hPa
· Density and/or relative density	
· Density at 23 °C:	1.15 g/cm ³ (ISO 2811-2)
· Relative density	Not definitely.
· Vapor Density	Not definitely.

· 9.2 Other information

· Appearance:

· Shape:	liquid
· Important information on health and safety	
Environmental protection and safety	
· Ignition temperature:	The product is not self-igniting.
· Explosive properties:	The product is not explosive
· Change of state	
· Evaporation speed	Not definitely.

· Angaben über physikalische

Hazard classes

· Explosive substances/mixtures and articles with explosives

deleted

· Flammable gases	deleted
· Aerosols	deleted
· Oxidizing gases	deleted
· Gases under pressure	deleted
· Flammable liquids	deleted
· Flammable solids	deleted
· Self-reactive substances and mixtures	deleted
· Pyrophoric liquids	deleted
· Pyrophoric solids	deleted
· Self-heating substances and mixtures	deleted
· substances and mixtures that come into contact with Water Flammable Gases	deleted
· Oxidizing liquids	deleted
· Oxidizing solids	deleted
· Organic Peroxide	deleted
· Substances that have a corrosive effect on metals and mixtures	deleted
· desensitised substances/mixtures and Products containing explosives	deleted

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No other relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition when used as intended.
- **10.3 Possibility of dangerous reactions**
Reactions with strong oxidizing agents, alkalis, amines and acids
- **10.4 Conditions to avoid** No other relevant information available.
- **10.5 Incompatible materials:** Strong oxidizing agents
- **10.6 Dangerous decomposition products:**
None, if properly stored and handled
In the event of a fire: toxic gases and vapours

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on the available data, the classification criteria are not met.

Classification-relevant LD/LC50 values:

Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and 2-{[2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl]oxirane and 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

1675-54-3 bis-[4-(2,3-epoxypropoxy)phenyl]propane

Oral	LD50	15,000 mg/kg (rat)
Dermal	LD50	23,000 mg/kg (rab)

3101-60-8 p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

Oral	LD50	> 2000 mg/kg (rat)
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26142-30-3 Poly[oxy(methyl-1,2-ethanediyl)], α -(2-oxiranylmethyl)-w-(2-oxiranylmethoxy)-

Oral	LD50	>4,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

Primary irritant effect:

DD Composite GmbH, Zu den Bürgerhufen 6, 04924 Bad Liebenwerda (Lausitz industrial park)

Tel: 035341-47098 Fax: 035341-47099, E-mail: gfk@phd-24.de, www.phd-24.de

- **Corrosive/irritating effect on the skin**

Causes skin irritation.

- **Severe eye damage/irritation**

Causes severe eye irritation.

- **Sensitization of the respiratory tract/skin**

May cause allergic skin reactions.

- **Germ cell mutagenicity** Based on the available data, the classification criteria are not met.

- **Carcinogenicity** Based on the available data, the classification criteria are not met.

- **Reproductive toxicity** May affect fertility.

- **Specific target organ toxicity with single exposure**

Based on the available data, the classification criteria are not met.

- **Specific target organ toxicity with repeated exposure**

Based on the available data, the classification criteria are not met.

- **Risk of aspiration** Based on the available data, the classification criteria are not met.

- **11.2 Information on other hazards**

- **Endocrine-disrupting properties**

None of the ingredients are included.

SECTION 12: Ecological information

- **12.1 Toxicity**

Aquatic toxicity:

Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and 2-{2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl}oxirane and 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane

Daphnia toxicity	2.55 mg/l (Daphnia magna (water flea)) (LC50(48h))
Algae toxicity	1,8 mg/l (Scenedesmus capricornutum) (LC50(72))
Fish toxicity	2.54 mg/L (Leuciscus idus) (EC50(96h))

1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

Bacteria toxicity	100 mg/l (Pseudomonas putida)
Daphnia toxicity	1.8 mg/l (Daphnia magna (water flea)) (EC50(48h))
Algae toxicity	11 mg/l (Scenedesmus capricornutum) (EC50(72h))
Fish toxicity	2 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) (LC50(96h))

3101-60-8 p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

Daphnia toxicity	67.9 mg/l (Daphnia magna (water flea)) (EC50(48h))
Algal toxicity	9 mg/l (Pseudokirchnerilla subcapitata) (EC50(72h))
Fish Toxicity	7,5 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) (LC50(96h))

- **12.2 Persistence and degradability** No other relevant information available.

- **Other notes:** The product is difficult to biodegrade.

- **12.3 Bioaccumulation potential** No other relevant information available.

- **Other notes:** Bioaccumulation possible.

- **12.4 Mobility in the ground** No other relevant information available.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine Disrupting Properties**

The product does not contain any substances with endocrine-disrupting properties.

- **12.7 Other Adverse Effects**

- **Ecotoxic effects:** not determined

- **Remark:** Toxic to fish.

- **Further ecological information:**

• General information:

In waters, it is also toxic to fish and plankton.

Toxic to aquatic organisms

Do not allow to enter groundwater, water bodies or sewers.

Drinking water hazard even if small quantities leak into the underground.

SECTION 13: Disposal considerations
• 13.1 Waste treatment processes
• Recommendation:

The local official regulations must be observed for disposal. Liquid component of a suitable Incinerate.

Product can be disposed of together with household waste after curing.

European Waste Catalogue

08 00 00	WASTE FROM PRODUCTION, PREPARATION, DISTRIBUTION AND APPLICATION (HZVA) OF COATINGS (PAINTS, VARNISHES, ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 02 00	Waste from HZVA of other coatings (including ceramic materials)
08 02 99	Waste n.e.s.

• Uncleaned packaging:

• Recommendation: Disposal in accordance with official regulations.

• Recommended cleaning agent: Water, with the addition of detergents if necessary.

SECTION 14: Transport information
• 14.1 UN Number

• ADR /RID/ADN, IMDG, IATA UN3082

• 14.2 Proper UN shipping designation

• ADR/RID/ADN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.E.S. (Bisphenol F-Epichlorohydrin Resin, Epoxy Resin MG<700)

• IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol F-Epoxyresin, epoxy resin), MARINE POLLUTANT

• IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol F-Epoxyresin, epoxy resin)

• 14.3 Transport hazard classes

• ADR/RID/ADN



• Class 9 (M6) Miscellaneous Hazardous Substances and Objects 9

• Hazard label

• IMDG, IATA



• Class 9 Miscellaneous Hazardous Substances and Items

• Label 9

• 14.4 Packaging Group

• ADR /RID/ADN, IMDG, IATA III

· 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR/RID/ADN): · Special marking (IATA):	The product contains substances that are hazardous to the environment: Epoxy Resin MG<700 Yes Symbol (Fish and Tree) Symbol (Fish and Tree) Symbol (Fish and Tree)
· 14.6 Special precautions for the user · Hazard identification number · Kemler number: · EMS Number: · Stowage Category	Caution: Various hazardous substances and Items 90 F-A,S-F A
· 14.7 Bulk cargo transport in accordance with Annex II of the MARPOL Convention and in accordance with the IBC code	Not applicable.
· Transport/further information:	
· ADR/RID/ADN · Limited quantity (LQ) · Exempted quantities (EQ) · Promotion category · Tunnel Restriction Code	5L Code: E1 Maximum net quantity per inner package: 30 ml Highest net quantity per outer package: 1000ml 3 (-)
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code:E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, F L Ü S S I G , N . A . G . (B I S P H E N O L - F - EPICHLORHYDRIN-HARZ, EPOXIDHARZ MG<700), 9, III

SECTION 15: Regulatory information

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

Directive 2012/18/EU

- **Hazardous substances listed by name - ANNEX I** None of the ingredients are included.
- **Seveso category** E2 hazardous to water
- **Quantity threshold (in tonnes) for use in establishments of the lower class** 200 t
- **Quantity threshold (in tonnes) for use in establishments of the upper class** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Restriction conditions: 3

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in Electrical and Electronic Equipment – Annex II

None of the ingredients are included.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (UPPER concentration limit for a permit under Article 5(3))

None of the ingredients are included.

ANNEX II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients are included.

• **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients are included.

• **Regulation (EC) No 111/2005 laying down rules for the monitoring of the Trade in drug substitutes between the Community and third countries**

None of the ingredients are included

• **National regulations:**

VOC	- EU (Decopaint Directive (2004/42/EC))
0,00	g/l

• **Water hazard class:** WGK 2 (self-classification): clearly hazardous to water.

• **Other regulations, restrictions and prohibition ordinances**

• **BG leaflet:**

Practical guide for handling epoxy resins (published by the German Employers' Liability Insurance Association for the Construction Industry)

www.bgbau.de or www.gisbau.de

Epoxy resin - Handling systems safely

(published by PlasticsEurope)

www.plasticseurope.org

BGR 227 - "Activities with epoxy resins"

(published by the Main Association of Commercial Employers' Liability Insurance Associations)

www.dguv.de

BGR 190 - Rules for the Use of Respiratory Protective Devices

BGR 192 - Rules for the use of eye and face protection

• **15.2 Chemical safety assessment:** A chemical safety assessment was not carried out.

SECTION 16: Other information

The data are based on the current state of our knowledge, but they do not constitute a of product characteristics and do not constitute a contractual legal relationship.

Changes compared to the last issue of 06.11.2025

in the points: *

The version number on page 1 refers to the versions that were released after the changeover.

Safety Data Sheets for Regulation (EU) 2020/878.

• **Relevant sentences**

H315 causes skin irritation.

H317 May cause allergic skin reactions.

H319 Causes severe eye irritation.

H411 Toxic to aquatic life, with long-term effects.

EUH205 Contains epoxy-containing compounds. May cause allergic reactions.

Data sheet exhibiting area:

DD Composite GmbH

Zu den Bürgerhufen 6

04924 Bad Liebenwerda OT Lausitz

• **Contact Person:**

Daniel Dietrich

• **Abbreviations and acronyms:**

Abbreviations and acronyms:

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin irritating/corrosive effect – Category 2

Eye Irrit. 2: Severe Eye Damage/Eye Irritation – Category 2

Skin Sens. 1: Skin Sensitization – Category 1

Repr. 1B: Reproductive toxicity – Category 1B

Aquatic Chronic 2: Hazardous to water - long-term hazardous to water - Category 2

• *** Data changed compared to the previous version**