

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 1 of 12

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Epoxy Resin L

UFI: 91AX-48GV-X008-Y5FH

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**Adhesives, sealants
Epoxy resin dispersions**1.3. Details of the supplier of the safety data sheet**

| | | |
|-------------------------|---------------------------------|-------------------------------|
| Company name: | R&G Faserverbundwerkstoffe GmbH | |
| | Composite Technology | |
| Street: | Im Meißel 7 - 13 | |
| Place: | D-71111 Waldenbuch | |
| Telephone: | +49 (0)7157 5304-60 | Telefax: +49 (0)7157 5304-70 |
| e-mail: | info@r-g.de | |
| Contact person: | Michael Groß | Telephone: +49 (0)171 8163651 |
| e-mail: | urlaubmg@r-g.de | |
| Internet: | www.r-g.de | |
| Responsible Department: | Management | |

1.4. Emergency telephone number:Vergiftungs-Informationen-Zentrale Freiburg
Tel: +49 (0)761 19240**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

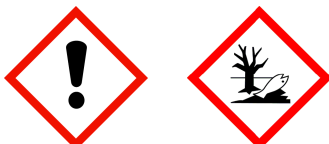
Skin corrosion/irritation: Skin Irrit. 2
 Serious eye damage/eye irritation: Eye Irrit. 2
 Respiratory or skin sensitisation: Skin Sens. 1
 Hazardous to the aquatic environment: Aquatic Chronic 2
 Hazard Statements:
 Causes skin irritation.
 Causes serious eye irritation.
 May cause an allergic skin reaction.
 Toxic to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**bis-[4-(2,3-epoxypropoxy)phenyl]propane
1,6-bis(2,3-epoxypropoxy)hexane

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

Signal word: Warning

Pictograms:



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 2 of 12

Hazard statements

| | |
|------|--|
| 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. |

Precautionary statements

| | |
|----------------|--|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing 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. |
| P321 | Specific treatment (see on this label). |
| P501 | Dispose of contents/container to Dispose of waste according to applicable legislation.. |

Special labelling of certain mixtures

| | |
|--------|--|
| EUH205 | Contains epoxy constituents. May produce an allergic reaction. |
|--------|--|

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | Quantity |
|------------|---|------------------|
| | EC No | Index No |
| | | REACH No |
| | GHS Classification | |
| 1675-54-3 | bis-[4-(2,3-epoxypropoxy)phenyl]propane | 50 - 100 % |
| | 216-823-5 | 603-073-00-2 |
| | | 01-2119456619-26 |
| | Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H319 H317 H411 | |
| 16096-31-4 | 1,6-bis(2,3-epoxypropoxy)hexane | 10 - 25 % |
| | 240-260-4 | 01-2119463471-41 |
| | Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 3; H315 H319 H317 H412 | |
| | 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 | 10 - 25 % |
| | 701-263-0 | 01-2119454392-40 |
| | Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H317 H411 | |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|------------|-----------|---|------------|
| | | Specific Conc. Limits, M-factors and ATE | |
| 1675-54-3 | 216-823-5 | bis-[4-(2,3-epoxypropoxy)phenyl]propane | 50 - 100 % |
| | | dermal: LD50 = 23000 mg/kg; oral: LD50 = 15000 mg/kg Skin Irrit. 2; H315: >= 5 - 100 Eye Irrit. 2; H319: >= 5 - 100 | |
| 16096-31-4 | 240-260-4 | 1,6-bis(2,3-epoxypropoxy)hexane | 10 - 25 % |
| | | dermal: LD50 = > 4900 mg/kg; oral: LD50 = 8500 mg/kg | |
| | 701-263-0 | 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 | 10 - 25 % |
| | | dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg | |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 3 of 12

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off immediately all contaminated clothing.

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Seek medical advice immediately.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂), Extinguishing powder, Water spray jet.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

The product itself does not burn. In case of fire may be liberated: Gases/vapours, toxic.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

Use personal protection equipment. Evacuate area.

For non-emergency personnel

No information available.

For emergency responders

No information available.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter the soil or subsoil.

6.3. Methods and material for containment and cleaning up

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 4 of 12

For containment

No information available.

For cleaning up

No information available.

Other information

Provide adequate ventilation. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

The usual precautions when handling chemicals must be observed.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Provide for retaining containers, eg. floor pan without outflow.

Hints on joint storage

Store separately from foodstuffs.

Further information on storage conditions

Keep receptacles tightly sealed.

7.3. Specific end use(s)

Adhesives, sealants

Epoxy resin dispersions

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|------------------------|---|----------------|----------|-------------------------|
| 1675-54-3 | bis-[4-(2,3-epoxipropoxy)phenyl]propane | | | |
| Worker DNEL, | | dermal | | 8,33 mg/kg bw/day |
| Worker DNEL, | | inhalation | | 12,25 mg/m ³ |
| 16096-31-4 | 1,6-bis(2,3-epoxypropoxy)hexane | | | |
| Worker DNEL, | | dermal | | 1,7 mg/kg bw/day |
| Worker DNEL, | | inhalation | | 2,9 mg/m ³ |
| | 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 | | | |
| Worker DNEL, long-term | | dermal | systemic | 104,15 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | systemic | 29,39 mg/m ³ |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 5 of 12

PNEC values

| CAS No | Substance | Value |
|---|---|--------------|
| Environmental compartment | | |
| 1675-54-3 | bis-[4-(2,3-epoxypropoxy)phenyl]propane | |
| Freshwater | | 0,006 mg/l |
| Marine water | | 0,0006 mg/l |
| Freshwater sediment | | 0,341 mg/kg |
| Marine sediment | | 0,034 mg/kg |
| Secondary poisoning | | 11 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 10 mg/l |
| Soil | | 0,065 mg/kg |
| 16096-31-4 | 1,6-bis(2,3-epoxypropoxy)hexane | |
| Freshwater | | 0,0115 mg/l |
| Marine water | | 0,00115 mg/l |
| 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 | | |
| Freshwater | | 0,003 mg/l |
| Freshwater (intermittent releases) | | 0,025 mg/l |
| Marine water | | 0 mg/l |
| Freshwater sediment | | 0,294 mg/kg |
| Marine sediment | | 0,029 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 10 mg/l |
| Soil | | 0,237 mg/kg |

8.2. Exposure controls**Protective and hygiene measures**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Eye/face protection

Suitable eye protection: goggles.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: FKM (fluoro rubber), NBR (Nitrile rubber)

Thickness of the glove material: > 0,5mm

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. ABEK-P2

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 6 of 12

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|------------------|----------------|
| Physical state: | Liquid |
| Colour: | yellowish |
| Odour: | characteristic |
| Odour threshold: | not determined |

Test method

pH-Value: not applicable

Changes in the physical state

Melting point: not determined

Boiling point or initial boiling point and boiling range: 200 °C

Flash point: 150 °C

Flammability

Solid/liquid: not applicable

Gas: not applicable

Explosive properties

The product is not: Explosive.

Lower explosion limits: not determined

Upper explosion limits: not determined

Self-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapour pressure: 1 hPa
(at 20 °C)Density (at 23 °C): 1,1 g/cm³ ISO 2811-2

Water solubility: Immiscible

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Viscosity / dynamic: 875 mPa·s ISO 3219
(at 23 °C)

Relative vapour density: not determined

Evaporation rate: not determined

9.2. Other information

No information available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

no decomposition when stored and handled properly

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 7 of 12

10.3. Possibility of hazardous reactions

reaction with strong oxidising agents Alkalis (alkalis). Acids

10.4. Conditions to avoid

The product does not contain any relevant quantities of substances with workplace-related limit values to be monitored.

10.5. Incompatible materials

Keep away from oxidising agents.

10.6. Hazardous decomposition products

no decomposition when stored and handled properly

In case of fire may be liberated: toxic and caustic gases and vapours

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

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

| CAS No | Chemical name | | | | |
|------------|---|---------------|---------|--------|--------------|
| | Exposure route | Dose | Species | Source | Method |
| 1675-54-3 | bis-[4-(2,3-epoxipropoxy)phenyl]propane | | | | |
| | oral | LD50 mg/kg | 15000 | Rat | Manufacturer |
| | dermal | LD50 mg/kg | 23000 | Rabbit | Manufacturer |
| 16096-31-4 | 1,6-bis(2,3-epoxypropoxy)hexane | | | | |
| | oral | LD50 mg/kg | 8500 | Rat | Manufacturer |
| | dermal | LD50 mg/kg | > 4900 | Rabbit | Manufacturer |
| | 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 mg/kg | > 5000 | Rat | Manufacturer |
| | dermal | LD50 mg/kg | > 2000 | Rat | Manufacturer |

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

Contains epoxy constituents. May produce an allergic reaction. May cause an allergic skin reaction. (bis-[4-(2,3-epoxipropoxy)phenyl]propane; 1,6-bis(2,3-epoxypropoxy)hexane; 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)

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

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

STOT-repeated exposure

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 8 of 12

Aspiration hazard

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

11.2. Information on other hazards**Endocrine disrupting properties**

No information available.

SECTION 12: Ecological information**12.1. Toxicity**

Toxic to aquatic life with long lasting effects.

| CAS No | Chemical name | | | | | |
|------------|---|----------------|-----------|-------------------------------------|--------------|--------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 1675-54-3 | bis-[4-(2,3-epoxypropoxy)phenyl]propane | | | | | |
| | Acute fish toxicity | LC50 2 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | Manufacturer | |
| | Acute crustacea toxicity | EC50 1,8 mg/l | 48 h | Daphnia magna (Big water flea) | Manufacturer | |
| 16096-31-4 | 1,6-bis(2,3-epoxypropoxy)hexane | | | | | |
| | Acute fish toxicity | LC50 30 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | Manufacturer | |
| | Acute crustacea toxicity | EC50 67 mg/l | 48 h | Daphnia magna (Big water flea) | Manufacturer | |
| | 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 | | | | | |
| | Acute fish toxicity | LC50 2,54 mg/l | 96 h | Leuciscus idus (golden orfe) | Manufacturer | |
| | Acute algae toxicity | ErC50 1,8 mg/l | 72 h | Selenastrum capricornutum | Manufacturer | |
| | Acute crustacea toxicity | EC50 2,55 mg/l | 48 h | Daphnia magna (Big water flea) | Manufacturer | |

12.2. Persistence and degradability

The product does not contain any relevant quantities of substances with workplace-related limit values to be monitored.

12.3. Bioaccumulative potential

The product does not contain any relevant quantities of substances with workplace-related limit values to be monitored.

12.4. Mobility in soil

The product does not contain any relevant quantities of substances with workplace-related limit values to be monitored.

12.5. Results of PBT and vPvB assessment

not applicable

12.6. Endocrine disrupting properties

No information available.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 9 of 12

13.1. Waste treatment methods**Disposal recommendations**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

080299 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of other coatings (including ceramic materials); wastes not otherwise specified


List of Wastes Code - used product

080299 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of other coatings (including ceramic materials); wastes not otherwise specified

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation.


SECTION 14: Transport information**Land transport (ADR/RID)**

| | |
|--|---|
| 14.1. UN number: | UN 3082 |
| 14.2. UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxidharz) |
| 14.3. Transport hazard class(es): | 9 |
| 14.4. Packing group: | III |
| Hazard label: | 9 |
| |  |
| Classification code: | M6 |
| Special Provisions: | 274 335 601 |
| Limited quantity: | 5 L |
| Transport category: | 3 |
| Hazard No: | 90 |
| Tunnel restriction code: | E |

Other applicable information (land transport)

E1

Inland waterways transport (ADN)

| | |
|--|---|
| 14.1. UN number: | UN 3082 |
| 14.2. UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxidharz) |
| 14.3. Transport hazard class(es): | 9 |
| 14.4. Packing group: | III |
| Hazard label: | 9 |
| |  |
| Classification code: | M6 |
| Special Provisions: | 274 335 601 |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 10 of 12


Limited quantity: 5 L

Other applicable information (inland waterways transport)

E1

Marine transport (IMDG)

14.1. UN number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9




Marine pollutant: P
Special Provisions: 274, 335
Limited quantity: 5 L
EmS: F-A, S-F

Other applicable information (marine transport)

E1

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9



Special Provisions: A97 A158
Limited quantity Passenger: 30 kg G

| | |
|--|-------|
| IATA-packing instructions - Passenger: | 964 |
| IATA-max. quantity - Passenger: | 450 L |
| IATA-packing instructions - Cargo: | 964 |
| IATA-max. quantity - Cargo: | 450 L |

Other applicable information (air transport)

E1

Passenger-LQ: Y964

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: epoxy resin

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 11 of 12

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

| | |
|---|---|
| 2010/75/EU (VOC): | <= 25 % |
| Information according to 2012/18/EU (SEVESO III): | E2 Hazardous to the Aquatic Environment |

National regulatory information

| | |
|--------------------------|--|
| Employment restrictions: | Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). |
| Water hazard class (D): | 2 - obviously hazardous to water |

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 3.

Abbreviations and acronyms

CLP: Classification, labelling and Packaging
 REACH: Registration, Evaluation and Authorization of Chemicals
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
 UN: United Nations
 CAS: Chemical Abstracts Service
 DNEL: Derived No Effect Level
 DMEL: Derived Minimal Effect Level
 PNEC: Predicted No Effect Concentration
 ATE: Acute toxicity estimate
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 LL50: Lethal loading, 50%
 EL50: Effect loading, 50%
 EC50: Effective Concentration 50%
 ErC50: Effective Concentration 50%, growth rate
 NOEC: No Observed Effect Concentration
 BCF: Bio-concentration factor
 PBT: persistent, bioaccumulative, toxic
 vPvB: very persistent, very bioaccumulative
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Regulations concerning the international carriage of dangerous goods by rail
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
 IMDG: International Maritime Code for Dangerous Goods
 EmS: Emergency Schedules
 MFAG: Medical First Aid Guide
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organization
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Epoxy Resin L

Revision date: 09.03.2021

Product code: 100135

Page 12 of 12

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Skin Irrit. 2; H315 | Calculation method |
| Eye Irrit. 2; H319 | Calculation method |
| Skin Sens. 1; H317 | Calculation method |
| Aquatic Chronic 2; H411 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|--------|--|
| 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. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH205 | Contains epoxy constituents. May produce an allergic reaction. |

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)