

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ARC 791(E) Part A

Revision date: 16.10.2017

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

1.1. Product identifier

ARC 791(E) Part A

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

Use of the substance/mixture

ARC Polymer Composite. Repairs damage caused by impact, abrasion or erosion.

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

| | | |
|--------------------------|-------------------------------|-------------------------------|
| Company name: | Chesterton International GmbH | |
| Street: | Am Lenzenfleck 23 | |
| Place: | DE-85737 Ismaning GERMANY | |
| Telephone: | +49 89 99 65 46 - 0 | Telefax: +49 89 99 65 46 - 50 |
| e-mail: | eu-sds@chesterton.com | |
| e-mail (Contact person): | eu-sds@chesterton.com | |
| Internet: | www.chesterton.com | |
| Responsible Department: | eu-sds@chesterton.com | |

1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

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

epoxy resin (number average molecular weight \leq 700), reaction product: bisphenol-A-(epichlorhydrin)

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Oxirane, mono[(C12-14-alkyloxy)methyl] derivs

Signal word: Warning

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Pictograms:



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

| | |
|------|--|
| P262 | Do not get in eyes, on skin, or on clothing. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

Special labelling of certain mixtures

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

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | Quantity |
|------------|--|----------|
| | EC No | |
| | Index No | |
| | REACH No | |
| | Classification according to Regulation (EC) No. 1272/2008 [CLP] | |
| 25068-38-6 | epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin) | 50-<75 % |
| | 500-033-5 | |
| | 603-074-00-8 | |
| | 01-2119456619-26 | |
| | Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H319 H317 H411 | |
| 9003-36-5 | Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol | 10-<25 % |
| | 500-006-8 | |
| | 01-2119454392-40 | |
| | Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H317 H411 | |
| 68609-97-2 | Oxirane, mono[(C12-14-alkyloxy)methyl] derivs | 5-<10 % |
| | 271-846-8 | |
| | 603-103-00-4 | |
| | 01-2119485289-22 | |
| | Skin Irrit. 2, Skin Sens. 1; H315 H317 | |
| 100-51-6 | benzyl alcohol | 5-<10 % |
| | 202-859-9 | |
| | 603-057-00-5 | |
| | 01-2119492630-38 | |
| | Acute Tox. 4, Acute Tox. 4; H332 H302 | |

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove affected person from the danger area and lay down. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Remove casualty to fresh air and keep warm and at rest.

After contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

Do NOT induce vomiting. Call a physician immediately.

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

Allergic reactions

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

Dry extinguishing powder. Carbon dioxide (CO₂). alcohol resistant foam. Water spray jet

Unsuitable extinguishing media

High power water jet

5.2. Special hazards arising from the substance or mixture

Carbon monoxide Carbon dioxide (CO₂). Nitrogen oxides (NO_x)

5.3. Advice for firefighters

Special protective equipment for firefighters Protective clothing. In case of fire: Wear self-contained breathing apparatus.

Co-ordinate fire-fighting measures to the fire surroundings.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

Provide adequate ventilation.

Personal protection equipment: see section 8

Remove persons to safety.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains. Adverse environmental effects

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. 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

See protective measures under point 7 and 8. Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

See section 8. Wear personal protection equipment (refer to section 8). People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation.

Avoid contact with skin, eyes and clothes.

Avoid breathing dust/fume/gas/mist/vapours/spray.

When using do not eat, drink or smoke.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Further information on handling

Wash hands before breaks and after work. Used working clothes should not be worn outside the work area.

Street clothing should be stored separately from work clothing.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container. Protect against direct sunlight.

Further information on storage conditions

Keep away from:

Frost

Heat

Humidity

7.3. Specific end use(s)

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No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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DNEL/DMEL values

| CAS No | Substance | | |
|--------------------------|--|----------|---------------------------|
| DNEL type | Exposure route | Effect | Value |
| 25068-38-6 | epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin) | | |
| Worker DNEL, long-term | inhalation | systemic | 12,25 mg/m ³ |
| Worker DNEL, acute | inhalation | systemic | 12,25 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | 8,33 mg/kg bw/day |
| Worker DNEL, acute | dermal | systemic | 8,33 mg/kg bw/day |
| Consumer DNEL, long-term | dermal | systemic | 3,571 mg/kg bw/day |
| Consumer DNEL, acute | dermal | systemic | 3,571 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | 0,75 mg/kg bw/day |
| Consumer DNEL, acute | oral | systemic | 0,75 mg/kg bw/day |
| | | | |
| 9003-36-5 | Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol | | |
| Worker DNEL, long-term | inhalation | systemic | 29,39 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | 104,15 mg/kg bw/day |
| Worker DNEL, acute | dermal | local | 0,0083 mg/cm ² |
| Consumer DNEL, long-term | inhalation | systemic | 8,7 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | 62,5 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | 6,25 mg/kg bw/day |
| 68609-97-2 | Oxirane, mono[(C12-14-alkyloxy)methyl] derivs | | |
| Worker DNEL, long-term | inhalation | systemic | 3,6 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | 1 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | systemic | 0,87 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | 0,5 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | 0,5 mg/kg bw/day |
| | | | |
| 100-51-6 | benzyl alcohol | | |
| Worker DNEL, long-term | inhalation | systemic | 22 mg/m ³ |
| Worker DNEL, acute | inhalation | systemic | 110 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | 8 mg/kg bw/day |
| Worker DNEL, acute | dermal | systemic | 40 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | systemic | 5,4 mg/m ³ |
| Consumer DNEL, acute | inhalation | systemic | 27 mg/m ³ |

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| | | | |
|--------------------------|--------|----------|-----------------|
| Consumer DNEL, long-term | dermal | systemic | 4 mg/kg bw/day |
| Consumer DNEL, acute | dermal | systemic | 20 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | 4 mg/kg bw/day |
| Consumer DNEL, acute | oral | systemic | 20 mg/kg bw/day |
| | | | |

PNEC values

| CAS No | Substance | Value |
|------------|--|--------------|
| 25068-38-6 | epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin) | |
| | Freshwater | 0,006 mg/l |
| | Marine water | 0,001 mg/l |
| | Freshwater sediment | 0,996 mg/kg |
| | Marine sediment | 0,1 mg/kg |
| | Secondary poisoning | 11 mg/kg |
| | Soil | 0,196 mg/kg |
| 9003-36-5 | Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol | |
| | Freshwater | 0,003 mg/l |
| | Freshwater sediment | 0,294 mg/kg |
| | Marine sediment | 0,029 mg/kg |
| | Soil | 0,237 mg/kg |
| 68609-97-2 | Oxirane, mono[(C12-14-alkyloxy)methyl] derivs | |
| | Freshwater | 0,007 mg/l |
| | Marine water | 0,001 mg/l |
| | Freshwater sediment | 307,16 mg/kg |
| | Marine sediment | 30,72 mg/kg |
| | Soil | 61,42 mg/kg |
| 100-51-6 | benzyl alcohol | |
| | Freshwater | 1 mg/l |
| | Marine water | 0,1 mg/l |
| | Freshwater sediment | 5,27 mg/kg |
| | Marine sediment | 0,527 mg/kg |
| | Micro-organisms in sewage treatment plants (STP) | 39 mg/l |
| | Soil | 0,456 mg/kg |

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

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Protective and hygiene measures

Work in well-ventilated zones or use proper respiratory protection. Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after work and take a shower if necessary.

Use protective skin cream before handling the product.

Eye/face protection

Suitable eye protection:

Eye glasses with side protection
goggles

Hand protection

Tested protective gloves must be worn: DIN EN 374

NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Thickness of the glove material $\geq 0,4$ mm

Breakthrough times and swelling properties of the material must be taken into consideration.

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.

Wearing time with occasional contact (splashes): max. 480 min. (NBR (Nitrile rubber))

Wearing time with permanent contact 240 - 480 min (NBR (Nitrile rubber))

Observe the wear time limits as specified by the manufacturer.

Skin protection

Protective clothing

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Combination filtering device (EN 14387) A-P3

Self-contained respirator (breathing apparatus) (DIN EN 133)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | |
|-----------------|----------------|----------------|
| Physical state: | liquid | |
| Colour: | grey | |
| Odour: | characteristic | |
| pH-Value: | | not determined |

Changes in the physical state

| | | |
|--|--|----------------|
| Melting point: | | not determined |
| Initial boiling point and boiling range: | | not determined |
| Flash point: | | >95 °C |

Flammability

| | | |
|--------|--|----------------|
| Solid: | | not determined |
| Gas: | | not determined |

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Explosive properties

No information available.

Lower explosion limits:

not applicable

Upper explosion limits:

not applicable

Ignition temperature:

not determined

Auto-ignition temperature

Solid:

not determined

Gas:

not determined

Decomposition temperature:

not determined

Oxidizing properties

No information available.

Vapour pressure:

not determined

Density (at 23 °C):

~1,1 g/cm³

Water solubility:

Immiscible

Solubility in other solvents

No information available.

Partition coefficient:

not determined

Viscosity / dynamic:

not determined

Vapour density:

not determined

Evaporation rate:

not determined

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

Does not decompose when used for intended uses. No known hazardous decomposition products.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

- Amines

- Acid

- Alkali (lye)

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

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10.6. Hazardous decomposition products

Gases/vapours, irritant

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

| CAS No | Chemical name | | | | |
|------------|--|-------------------|---------|---------------------|--------------------|
| | Exposure route | Dose | Species | Source | Method |
| 25068-38-6 | epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin) | | | | |
| | oral | LD50 > 2000 mg/kg | Rat | Study report (2007) | OECD Guideline 420 |
| | dermal | LD50 > 2000 mg/kg | Rat | Study report (2007) | OECD Guideline 402 |
| 9003-36-5 | Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | Study report (1988) | OECD Guideline 401 |
| | dermal | LD50 > 2000 mg/kg | Rat | Study report (1988) | OECD Guideline 402 |
| 100-51-6 | benzyl alcohol | | | | |
| | oral | LD50 1620 mg/kg | Rat | | |
| | inhalative vapour | ATE 11 mg/l | | | |
| | inhalative (4 h) aerosol | LC50 >4178 mg/l | Rat | | |

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

May cause an allergic skin reaction. (epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin); Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol; Oxirane, mono[(C12-14-alkyloxy)methyl] derivs)

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.

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Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

| CAS No | Chemical name | | | | | |
|------------|--|------------------|-----------|---------------------------------|---------------------|--------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 25068-38-6 | epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin) | | | | | |
| | Acute fish toxicity | LC50 3,6 mg/l | 96 h | Oncorhynchus mykiss | Study report (1982) | OECD Guideline 203 |
| | Acute algae toxicity | ErC50 > 100 mg/l | 72 h | Pseudokirchneriella subcapitata | Study report (2007) | OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 1,7 mg/l | 48 h | Daphnia magna | Study report (1984) | OECD Guideline 202 |
| | Crustacea toxicity | NOEC 0,3 mg/l | 21 d | Daphnia magna | Study report (1984) | OECD Guideline 211 |
| 9003-36-5 | Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol | | | | | |
| | Acute fish toxicity | LC50 > 1000 mg/l | 96 h | Oncorhynchus mykiss | Study report (1998) | OECD Guideline 203 |
| | Acute algae toxicity | ErC50 > 1,8 mg/l | 72 h | Pseudokirchneriella subcapitata | Study report (1993) | OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 > 1000 mg/l | 48 h | Daphnia magna | Study report (1998) | OECD Guideline 202 |
| | Crustacea toxicity | NOEC 0,3 mg/l | 21 d | Daphnia magna | Study report (1984) | OECD Guideline 211 |
| 100-51-6 | benzyl alcohol | | | | | |
| | Acute fish toxicity | LC50 460 mg/l | 96 h | | | |
| | Acute algae toxicity | ErC50 770 mg/l | 72 h | | | |
| | Acute crustacea toxicity | EC50 230 mg/l | 48 h | Daphnia magna (Big water flea) | | |
| | Algae toxicity | NOEC 51 mg/l | 3 d | | | |
| | Crustacea toxicity | NOEC 310 mg/l | 21 d | | | |

12.2. Persistence and degradability

| CAS No | Chemical name | | | |
|----------|---|----------|----|--------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 100-51-6 | benzyl alcohol | | | |
| | OECD 301A/ ISO 7827/ EEC 92/69/V, C.4-A | 95 - 97% | 21 | |

12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|------------|--|---------|
| 25068-38-6 | epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin) | >= 2,64 |
| 9003-36-5 | Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol | 2,7 |
| 100-51-6 | benzyl alcohol | 1,1 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|------------|--|-----|---------|----------------------|
| 25068-38-6 | epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin) | 31 | | Study report (2010) |
| 9003-36-5 | Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol | 150 | | Other company data (|
| 100-51-6 | benzyl alcohol | 1 | | |

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. 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. (epoxy resin) |
| 14.3. Transport hazard class(es): | 9 |
| 14.4. Packing group: | III |
| Hazard label: | 9 |
| Classification code: | M6 |
| Special Provisions: | 274 335 375 601 |

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Limited quantity: 5 L
 Excepted quantity: E1
 Transport category: 3
 Hazard No: 90
 Tunnel restriction code: -

Inland waterways transport (ADN)

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
 Classification code: M6
 Special Provisions: 274 335 375 601
 Limited quantity: 5 L
 Excepted quantity: 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, 969
 Limited quantity: 5 L
 Excepted quantity: E1
 EmS: F-A, S-F

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 A197
 Limited quantity Passenger: 30 kg G
 Passenger LQ: Y964
 Excepted quantity: E1
 IATA-packing instructions - Passenger: 964
 IATA-max. quantity - Passenger: 450 L

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

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes
Danger releasing substance: epoxy resin

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 2 - clearly water contaminating

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
epoxy resin (number average molecular weight \leq 700), reaction product: bisphenol-A-(epichlorhydrin)
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs
benzyl alcohol

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effectice concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative

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)

| | |
|--------|--|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH205 | Contains epoxy constituents. May produce an allergic reaction. |

Further Information

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself.
No warranty is expressed or implied regarding the suitability of the product for the user's particular purpose.
The user must make their own determination as to suitability.

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