

Trade name: cds-Cable-Joint-Filler

Version: 2 / GB Date revised: 06.03.2024

Substance number: 11503 Replaces Version: 1 / GB Print date: 06.03.2024

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

1.1. Product identifier

cds-Cable-Joint-Filler

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

Use of the substance/preparation

Coating material

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

cds Polymere GmbH & Co. KG Gau-Bickelheimer Str. 72 55576 Sprendlingen/Rhh.

Telephone no. +49(6701) 9350-0 Fax no. +49(6701) 9350-50

1.4. Emergency telephone number

cds-Labor / Tel. +49 (67 01) 93 50-28 (This number is reachable monday to friday from 8 am to 5 pm)

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317 Aquatic Chronic 3 H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264.1 Wash hands thoroughly after handling.



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P273 Avoid release to the environment.

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

P501.a Dispose of contents/container to licensed disposal contractor and according to

official state regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Oxirane, mono[(C12-14-alkyloxy)methyl] derivs. Bisphenol-F-diglycidyl ether,

reaction mass of isomers; 1,6 Hexandiol- Diglycidylether; Bis[4-(2,3-

epoxypropoxy)phenyl]propane

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients ***

Hazardous ingredients ***

Bis[4-(2,3-epoxypropoxy)phenyl]propane

CAS No. 1675-54-3 EINECS no. 216-823-5

Registration no. 01-2119456619-26-XXXX

Concentration >= 5 < 10 %

Classification (Regulation (EC) No. 1272/2008)

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

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319 >= 5 % Skin Irrit. 2 H315 >= 5 %

1,6 Hexandiol- Diglycidylether

CAS No. 16096-31-4 EINECS no. 240-260-4

Registration no. 01-2119463471-41-XXXX

Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 3 H412

Bisphenol-F-diglycidyl ether, reaction mass of isomers

CAS No. (9003-36-5) EINECS no. 701-263-0

Registration no. 01-2119454392-40-XXXX

Concentration >= 2.5 < 10 %

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315 Skin Sens. 1A H317 Aquatic Chronic 2 H411



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

CAS No. 68609-97-2 EINECS no. 271-846-8

Registration no. 01-2119485289-22-XXXX

Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315 Skin Sens. 1 H317

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water. Take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry powder

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting



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Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. In case the product spills into sewage waters, immediately inform the authorities.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid formation of aerosols. Perform filling operations only at stations with exhaust ventilation facilities. Provide suitable exhaust ventilation at the processing machines. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

Further information on storage conditions

Do not keep at temperatures above 20 °C.

SECTION 8: Exposure controls/personal protection ***

8.1. Control parameters

Derived No/Minimal Effect Levels (DNEL/DMEL) ***

Bis[4-(2,3-epoxypropoxy)phenyl]propane

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Long term
Route of exposure dermal

Mode of action Systemic effects

Concentration 8,3 mg/kg

Type of value Derived No Effect Level (DNEL)

Reference group

Duration of exposure

Route of exposure

Mode of action

Worker

Long term
inhalative

Systemic effects

Concentration 12,3 mg/m³



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

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Long term
Route of exposure dermal

Mode of action Systemic effects

Concentration 1 mg/kg/d

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Long term
Route of exposure inhalative
Mode of action Systemic effects

Concentration 3,6 mg/m³

Bisphenol-F-diglycidyl ether, reaction mass of isomers

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Long term
Route of exposure dermal

Mode of action Systemic effects
Concentration 104.15

Concentration 104,15 mg/kg

Type of value Derived No Effect Level (DNEL)

Reference group

Duration of exposure

Route of exposure

Mode of action

Worker

Long term

inhalative

Systemic effects

Concentration 29,39 mg/m³

1,6 Hexandiol- Diglycidylether

Reference substance 1,6 Hexandiol- Diglycidylether Type of value Derived No Effect Level (DNEL)

Reference group

Duration of exposure

Route of exposure

Mode of action

Concentration

Worker

Long term

inhalative

Systemic effects

Concentration 10,57 mg/m³

1,6 Hexandiol- Diglycidylether

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Long term
Route of exposure dermal

Mode of action Systemic effects

Concentration 6 mg/kg/d

Predicted No Effect Concentration (PNEC) ***

Bis[4-(2,3-epoxypropoxy)phenyl]propane

Type of value PNEC Type Water

Concentration 0,006 mg/l

Type of value PNEC Type Marine



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Concentration 0,0006 mg/l

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

Type of value PNEC Freshwater

Concentration 0,106 mg/l

Type of value PNEC
Type Marine

Concentration 0,0106 mg/l

Type of value PNEC

Type Water (intermittent release)

Concentration 0,072 mg/l

Type of value PNEC

Type Freshwater sediment

Concentration 307,2 mg/kg

Type of value PNEC

Type Marine sediment

Concentration 30,72 mg/kg

Type of value PNEC Type Soil

Concentration 1,234 mg/kg

Type of value PNEC

Type Sewage treatment plant (STP)

Concentration 10 mg/l

Bisphenol-F-diglycidyl ether, reaction mass of isomers

Type of value PNEC
Type Freshwater

Concentration 0,003 mg/l

Type of value PNEC Type Marine

Concentration 0,0003 mg/l

1,6 Hexandiol- Diglycidylether

Reference substance 1,6 Hexandiol- Diglycidylether

Type of value PNEC
Type Freshwater
Concentration 0,011

entration 0,011 mg/l

1,6 Hexandiol- Diglycidylether

Type of value PNEC
Type Saltwater

Concentration 0,001 mg/l

1,6 Hexandiol- Diglycidylether

Type of value PNEC

Type Water (intermittent release)

Concentration 0,115 mg/l

Bis[4-(2,3-epoxypropoxy)phenyl]propane



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Type of value PNEC

Type Freshwater sediment

Concentration 0,283 mg/kg

1,6 Hexandiol- Diglycidylether

Type of value PNEC

Type Marine sediment

Concentration 0,028 mg/kg

1,6 Hexandiol- Diglycidylether

Type of value PNEC Type Soil

Concentration 0,223 mg/kg

1,6 Hexandiol- Diglycidylether

Type of value PNEC

Type Sewage treatment plant (STP)

Concentration 1 mg/l

8.2. Exposure controls

General protective and hygiene measures

Hold eye wash fountain available. Hold emergency shower available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Chemical resistant gloves

Appropriate Material neoprene

Eye protection

Safety glasses with side protection shield

Body protection

Clothing as usual in the chemical industry. Protective shoes

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid

Melting point

Remarks not determined

Freezing point

Remarks not determined

Boiling point or initial boiling point and boiling range

Remarks not determined

Flammability

evaluation not determined

Upper and lower explosive limits

Remarks not determined

Flash point

Value > 100 °C



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Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

pH value

Remarks not determined

Viscosity

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Density and/or relative density

Value 1,9 g/cm³

Temperature 23 °C

Relative vapour density

Remarks not determined

9.2. Other information

Odour threshold

Remarks not determined

Evaporation rate (ether = 1):

Remarks not determined

Solubility in water

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known



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10.6. Hazardous decomposition products

Irritant gases/vapours

SECTION 11: Toxicological information ***

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

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

Acute oral toxicity (Components) ***

Bis[4-(2,3-epoxypropoxy)phenyl]propane

Species rat

LD50 15000 mg/kg

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

Species rat

LD50 26000 mg/kg

Bisphenol-F-diglycidyl ether, reaction mass of isomers

Species rat

LD50 > 2000 mg/kg

1,6 Hexandiol- Diglycidylether

Reference substance 1,6 Hexandiol- Diglycidylether

Species rat

LD50 2190 mg/kg

Method OECD 401

Acute dermal toxicity

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

Acute dermal toxicity (Components)

Bis[4-(2,3-epoxypropoxy)phenyl]propane

Species rabbit

LD50 23000 mg/kg

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

Species rabbit

LD50 > 4000 mg/kg

Bisphenol-F-diglycidyl ether, reaction mass of isomers

Species rat

LD50 > 2000 mg/kg

1,6 Hexandiol- Diglycidylether

Reference substance 1,6 Hexandiol- Diglycidylether

Species rat

LD50 > 2000 mg/kg

Method OECD 402

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)

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

Species rat

LC50 0,206 mg/l

Duration of exposure 4 h

Administration/Form Dust/Mist

Skin corrosion/irritation

evaluation irritant



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Remarks The classification criteria are met.

Serious eye damage/irritation

evaluation irritant

Remarks The classification criteria are met.

Sensitization

evaluation May cause sensitization by skin contact.
Remarks The classification criteria are met.

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

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

Repeated exposure

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

Aspiration hazard

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

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans ***

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

No toxicological data are available.

SECTION 12: Ecological information ***

12.1. Toxicity

General information

not determined

Fish toxicity (Components) ***

Bis[4-(2,3-epoxypropoxy)phenyl]propane

Species rainbow trout (Oncorhynchus mykiss)

LC50 2
Duration of exposure 96 h

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

Species rainbow trout (Oncorhynchus mykiss)

LC50 > 5000 mg/l

Duration of exposure 96 h

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

Species Bluegill (Lepomis macrochirus)

LC50 1800 mg/l

mg/l



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mq/l

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Duration of exposure 96 h

Bisphenol-F-diglycidyl ether, reaction mass of isomers

Species golden orfe (Leuciscus idus)

EC50 2,54 mg/l

Duration of exposure 96 h

1,6 Hexandiol- Diglycidylether

Reference substance 1,6 Hexandiol- Diglycidylether

Species rainbow trout (Oncorhynchus mykiss)

LC50 30

Duration of exposure 96 h Method OECD 203

Daphnia toxicity (Components)

Bis[4-(2,3-epoxypropoxy)phenyl]propane

Species Daphnia magna

EC50 1,8 mg/l

Duration of exposure 48 h

Bisphenol-F-diglycidyl ether, reaction mass of isomers

Species Daphnia magna

LC50 2,55 mg/l

Duration of exposure 48 h

1,6 Hexandiol- Diglycidylether

Reference substance 1,6 Hexandiol- Diglycidylether

Species Daphnia magna

EC50 39 to 57 mg/l

Duration of exposure 48 h

Method OECD 202

Algae toxicity (Components)

Bis[4-(2,3-epoxypropoxy)phenyl]propane

Species Selenastrum capricornutum

EC50 11 mg/l

Duration of exposure 72 h

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

Species Pseudokirchneriella subcapitata

EbC50 843 mg/l

Duration of exposure 72 h

Bisphenol-F-diglycidyl ether, reaction mass of isomers

Species Selenastrum capricornutum

LC50 1,8 mg/l

Duration of exposure 72 h

1.6 Hexandiol- Diglycidylether

Reference substance 1,6 Hexandiol- Diglycidylether

Species Pseudokirchneriella subcapitata

EC50 23,1 mg/l

Duration of exposure 48 h

Bacteria toxicity (Components)

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

Species activated sludge

EC50 > 100 mg/l

Duration of exposure 3 h

Bis[4-(2,3-epoxypropoxy)phenyl]propane

Species Pseudomonas putida

EC50 100 mg/l



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12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Results of PBT and vPvB assessment ***

The product contains no PBT substances

The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the envrionment ***

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information



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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-

SECTION 15: Regulatory information ***

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

VOC ***

VOC (EU) 0,28 % 5,3 g/l

Restriction according to annex XVII to regulation (EU) No 1907/2006

Conditions of restriction for the entries Annex XVII REACH should be considered.

Other information ***

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315 Calculation method Eye Irrit. 2 H319 Calculation method Skin Sens. 1 H317 Calculation method Aquatic Chronic 3 H412 Calculation method

Hazard statements listed in Chapter 2/3

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2 Aquatic Chronic 3 Hazardous to the aquatic environment, chronic, Category 3

Eye Irrit. 2 Eye irritation, Category 2
Skin Irrit. 2 Skin irritation, Category 2
Skin Sens. 1 Skin sensitization, Category 1
Skin Sens. 1A Skin sensitization, Category 1A



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Information about Safety Data Sheets Preparers

Oliver Nickel o.nickel@cds-polymere.de

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: *** This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.