

Trade name: cds-Pouring Concrete UW

Version: 1 / GB

Date revised: 18.08.2023

Substance number: 11475

Replaces Version: - / GB

Print date: 19.09.2023

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

### **1.1. Product identifier**

cds-Pouring Concrete UW

### **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 1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan; Bisphenol-F-diglycidyl ether, reaction mass of isomers; turpentine, oil; Bis[4-(2,3-epoxypropoxy)phenyl]propane; 2-(4-methylcyclohex-3-en-1-yl)propan-2-ol

**2.3. Other hazards**

No special hazards have to be mentioned.

**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  $\geq 10$  < 25 %  
 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  $\geq 5$  %  
 Skin Irrit. 2 H315  $\geq 5$  %

**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  $\geq 2,5$  < 10 %  
 Classification (Regulation (EC) No. 1272/2008)  
 Skin Irrit. 2 H315  
 Skin Sens. 1A H317  
 Aquatic Chronic 2 H411

**2-(4-methylcyclohex-3-en-1-yl)propan-2-ol**

EINECS no. 701-188-3  
 Registration no. 01-2119553062-49-XXXX  
 Concentration  $\geq 1$  < 10 %  
 Classification (Regulation (EC) No. 1272/2008)  
 Skin Irrit. 2 H315  
 Eye Irrit. 2 H319

**1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan**

CAS No. 17557-23-2  
 EINECS no. 241-536-7  
 Registration no. 01-2120759332-55-0000  
 Concentration  $\geq 1$  < 10 %  
 Classification (Regulation (EC) No. 1272/2008)  
 Skin Irrit. 2 H315

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Skin Sens. 1 H317

**turpentine, oil**

CAS No. 8006-64-2

EINECS no. 232-350-7

Registration no. 01-2119502456-45-XXXX

Concentration  $\geq$  0,1  $<$  1 %

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

Flam. Liq. 2 H225

Acute Tox. 4 H302

Acute Tox. 4 H312

Acute Tox. 4 H332

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Skin Sens. 1 H317

Asp. Tox. 1 H304

Aquatic Chronic 1 H410

Route of exposure: oral

Route of exposure: dermal

Route of exposure: inhalative

**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

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**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**

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****Other information**

Contains no substances with occupational exposure limit values.

**Derived No/Minimal Effect Levels (DNEL/DMEL)****Bis[4-(2,3-epoxypropoxy)phenyl]propane**

Type of value

Derived No Effect Level (DNEL)

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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	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	12,3	mg/m <sup>3</sup>

**1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan**

Reference substance	1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan	
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	3,29	mg/m <sup>3</sup>

Type of value	1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan	
Reference group	Derived No Effect Level (DNEL)	
Duration of exposure	Worker	
Route of exposure	Long term	
Mode of action	dermal	
Concentration	Systemic effects	
	6,66	mg/kg/d

**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	mg/kg

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	29,39	mg/m <sup>3</sup>

**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	
Concentration	0,0006	mg/l

**1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan**

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Reference substance	1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,047	mg/l
Type of value	1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan	
Type	PNEC	
Type	Marine	
Concentration	0,0047	mg/l
Type of value	1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan	
Type	PNEC	
Type	Water (intermittent release)	
Concentration	0,47	mg/l
Type of value	1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan	
Type	PNEC	
Type	Freshwater sediment	
Concentration	0,248	mg/l
Type of value	1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan	
Type	PNEC	
Type	Marine sediment	
Concentration	0,0248	mg/l
Type of value	1,3-Bis(2,3-epoxypropoxy)-2,2-dimethylpropan	
Type	PNEC	
Type	Soil	
Concentration	0,0219	mg/kg
<b>Bisphenol-F-diglycidyl ether, reaction mass of isomers</b>		
Type of value	PNEC	
Type	Freshwater	
Concentration	0,003	mg/l
Type of value	PNEC	
Type	Marine	
Concentration	0,0003	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

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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	liquid		
<b>Melting point</b>			
Remarks	not determined		
<b>Freezing point</b>			
Remarks	not determined		
<b>Boiling point or initial boiling point and boiling range</b>			
Remarks	not determined		
<b>Flammability</b>			
evaluation	not determined		
<b>Upper and lower explosive limits</b>			
Remarks	not determined		
<b>Flash point</b>			
Value	> 100		°C
<b>Ignition temperature</b>			
Remarks	not determined		
<b>Decomposition temperature</b>			
Remarks	not determined		
<b>pH value</b>			
Remarks	not determined		
<b>Viscosity</b>			
Remarks	not determined		
<b>Solubility(ies)</b>			
Remarks	not determined		
<b>Partition coefficient n-octanol/water (log value)</b>			
Remarks	not determined		
<b>Vapour pressure</b>			
Remarks	not determined		
<b>Density and/or relative density</b>			
Value	2		g/cm <sup>3</sup>
Temperature	23	°C	
<b>Relative vapour density</b>			
Remarks	not determined		

### **9.2. Other information**

<b>Odour threshold</b>			
Remarks	not determined		
<b>Evaporation rate (ether = 1) :</b>			
Remarks	not determined		
<b>Solubility in water</b>			
Remarks	not determined		
<b>Explosive properties</b>			
evaluation	not determined		
<b>Oxidising properties</b>			

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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

**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

**Bisphenol-F-diglycidyl ether, reaction mass of isomers**

Species	rat		
LD50	>	2000	mg/kg

**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

**Bisphenol-F-diglycidyl ether, reaction mass of isomers**

Species	rat		
LD50	>	2000	mg/kg

**Acute inhalational toxicity**

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

**Skin corrosion/irritation**

evaluation irritant

Remarks The classification criteria are met.

**Serious eye damage/irritation**

evaluation irritant



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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****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 ( <i>Oncorhynchus mykiss</i> )	
LC50	2	mg/l
Duration of exposure	96	h

**Bisphenol-F-diglycidyl ether, reaction mass of isomers**

Species	golden orfe ( <i>Leuciscus idus</i> )	
EC50	2,54	mg/l
Duration of exposure	96	h

**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

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**Algae toxicity (Components)****Bis[4-(2,3-epoxypropoxy)phenyl]propane**

Species	Selenastrum capricornutum	
EC50	11	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

**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

**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) 1,71 % 34,1 g/l

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

### Hazard statements listed in Chapter 2/3

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H410	Very toxic to aquatic life with long lasting effects.
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

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Eye irritation, Category 2



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Flam. Liq. 2  
Skin Irrit. 2  
Skin Sens. 1  
Skin Sens. 1A

Flammable liquid, Category 2  
Skin irritation, Category 2  
Skin sensitization, Category 1  
Skin sensitization, Category 1A

**Information about Safety Data Sheets Preparers**

Oliver Nickel o.nickel@cds-polymere.de

**Supplemental information**

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.