

Trade name: cds-Adhesive

Version: 2 / GB

Date revised: 10.05.2024

Substance number: 11454

Replaces Version: 1 / GB

Print date: 15.05.2024

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

### **1.1. Product identifier**

cds-Adhesive

### **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 &amp; 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 2 H411

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.
H411	Toxic 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; Bis[4-(2,3-epoxypropoxy)phenyl]propane

**Supplemental information\*\*\***

EUH205 Contains epoxy constituents. May produce an allergic reaction.

**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	>= 25	<	50	%
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	%

**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	>= 10	<	25	%
Classification (Regulation (EC) No. 1272/2008)				
	Skin Irrit. 2		H315	
	Skin Sens. 1A		H317	
	Aquatic Chronic 2		H411	

**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	

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**Quartz**

CAS No. 14808-60-7

EINECS no. 238-878-4

Concentration  $\geq 1$  < 10

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

STOT RE 2

H373

**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. Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Pyrolysis products

**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

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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.

### **7.3. Specific end use(s)**

Read attached instructions before use.

## **SECTION 8: Exposure controls/personal protection \*\*\***

### **8.1. Control parameters**

#### **Other information**

Abbreviations: E = respirable part, A = alveoli absorbable part  
There are not known any further 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

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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>

**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/m <sup>3</sup>

**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

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

Type of value	PNEC	
Type	Freshwater	
Concentration	0,106	mg/l

Type of value	PNEC	
Type	Marine	
Concentration	0,0106	mg/l

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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

**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. Respiratory protection mask with combination filter A/P2; The respiratory protection must comply with the relevant CEN standards.

**Hand protection \*\*\***

Chemical resistant gloves  
 Appropriate Material neoprene  
 Material thickness  $\geq$  0,5 mm  
 Breakthrough time  $\geq$  480 min  
 Hand protection must comply with EN 374.  
 Check leak-tightness/impermeability prior to use.

**Eye protection**

Safety glasses with side protection shield; Eye protection must comply with EN 166.

**Body protection**

Clothing as usual in the chemical industry. Protective shoes; Personal protective clothing must comply with the relevant CEN standards.

**SECTION 9: Physical and chemical properties**

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**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	1,7		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>			
Remarks	not determined		

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**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**

Reactions with strong oxidising agents. Reactions with strong acids. Reactions with strong alkalis.

**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

**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

**Acute inhalational toxicity**

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



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**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
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
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**Mutagenicity**

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

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

Remarks	Based on available data, the classification criteria are not met.
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**Specific Target Organ Toxicity (STOT)****Single exposure**

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

Remarks	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.

**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)
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LC50	2		mg/l
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Duration of exposure	96	h	
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**Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )		
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LC50	> 5000		mg/l
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Duration of exposure	96	h	
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**Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.**

Species	Bluegill ( <i>Lepomis macrochirus</i> )		
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LC50	1800		mg/l
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Duration of exposure	96	h	
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**Bisphenol-F-diglycidyl ether, reaction mass of isomers**

Species	golden orfe ( <i>Leuciscus idus</i> )		
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EC50	2,54		mg/l
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Duration of exposure	96	h	
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**Daphnia toxicity (Components)****Bis[4-(2,3-epoxypropoxy)phenyl]propane**

Species	Daphnia magna		
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EC50	1,8		mg/l
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Duration of exposure	48	h	
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**Bisphenol-F-diglycidyl ether, reaction mass of isomers**

Species	Daphnia magna		
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LC50	2,55		mg/l
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Duration of exposure	48	h	
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**Algae toxicity (Components)****Bis[4-(2,3-epoxypropoxy)phenyl]propane**

Species	Selenastrum capricornutum		
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EC50	11		mg/l
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Duration of exposure	72	h	
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**Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.**

Species	Pseudokirchneriella subcapitata		
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EbC50	843		mg/l
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Duration of exposure	72	h	
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**Bisphenol-F-diglycidyl ether, reaction mass of isomers**

Species	Selenastrum capricornutum		
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LC50	1,8		mg/l
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Duration of exposure	72	h	
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**Bacteria toxicity (Components)****Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.**

Species	activated sludge		
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EC50	> 100		mg/l
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Duration of exposure	3	h	
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**Bis[4-(2,3-epoxypropoxy)phenyl]propane**

Species	Pseudomonas putida		
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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

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**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****General information**

not determined

**Endocrine disrupting properties with respect to the environment**

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	3082	3082	3082
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bis[4-(2,3-epoxypropoxy)phenyl]propane, Bisphenol-F-diglycidyl ether, reaction mass of isomers)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bis[4-(2,3-epoxypropoxy)phenyl]propane, Bisphenol-F-diglycidyl ether, reaction mass of isomers)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bis[4-(2,3-epoxypropoxy)phenyl]propane, Bisphenol-F-diglycidyl ether, reaction mass of isomers)
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Remarks	The product is not subject to any other provisions of ADR provided packaging of not more than 5 l / 5 kg	The product can be transported in accordance with IMDG Code paragraph 2.10.2.7, provided packaging not more than 5 l / 5 kg.	The product is not subject to any other provisions of IATA provided packaging of not more than 5 l / 5 kg (A197)
Limited Quantity	5 l	5 l	
Transport category	3		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant  ENVIRONMENTALLY HAZARDOUS	 ENVIRONMENTALLY HAZARDOUS
Tunnel restriction code	-		

**Information for all modes of transport**

**14.6. Special precautions for user**

The relevant transport regulations have to be considered.

**Other information**

**14.7 Maritime transport in bulk according to IMO instruments**

no data

**SECTION 15: Regulatory information \*\*\***

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

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**Major-accident categories acc. 2012/18/EU**

Category	E2	Hazardous to the Aquatic Environment	200000	kg	500000	kg
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**VOC**

VOC (EU)	0,35	%	5,9	g/l
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**Other regulations, restrictions and prohibition regulations**Handling epoxy resin systems safely (published by PlasticsEurope) [www.plasticseurope.org](http://www.plasticseurope.org)**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**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

**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 2	H411	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.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic 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
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
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2

**Abbreviations**

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
 RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 CAS: Chemical Abstracts Service  
 EAK: Europäischer Abfallkatalog  
 VOC: Volatile Organic Compound  
 MAK: Maximale Arbeitsplatz-Konzentration  
 AGW: Arbeitsplatzgrenzwert  
 BGW: Biologischer Grenzwert  
 NOEC: No observable effect concentration  
 LD: Lethal dose

Trade name: cds-Adhesive

Version: 2 / GB

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LC: Lethal concentration

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

SVHC: Substances of very high concern

DNEL: Derived no effect level

PNEC: Predicted no effect concentration

OECD: Organisation for Economic Co-operation and Development

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

TRGS: Technische Regeln für Gefahrstoffe

### **Information about Safety Data Sheets Preparers**

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### **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.