

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 28-10-2006 Revision date: 30-5-2017 Supersedes: 16-12-2014 Version: 5.0

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

**Product identifier** 

Product form : Mixture

Product name : DRY FIX® 16 - Component A

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

#### 1.2.1. Relevant identified uses

: Industrial use, Professional use Main use category

Use of the substance/mixture : Wood stabiliser for elastic repair compound

Product only to be used in combination with component B.

#### 1.2.2. Uses advised against

No additional information available

#### Details of the supplier of the safety data sheet

Repair Care International Cartografenweg 34

5141 MT Waalwijk - Nederland T + 31(0) 416 650095 - F + 31(0) 416 652024

info@repair-care.com - www.repair-care.com

#### **Emergency telephone number**

Country	Organisation/Company	Address	Emergency number	Remark
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	Only for the purpose of informing medical personnel in cases of acute intoxications
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for the purpose of informing medical personnel in cases of acute intoxications
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for the purpose of informing medical personnel in cases of acute intoxications

## SECTION 2: Hazards identification

#### Classification of the substance or mixture

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315 Serious eye damage/eye irritation, Category H319

Skin sensitisation, Category 1 H317 Hazardous to the aquatic environment — H411

Chronic Hazard, Category 2

Full text of hazard classes and H-statements : see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

Signal word (CLP)

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)





GHS07

: Warning

Hazardous ingredients reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight

≤ 700); 1,3-bis(2,3-epoxypropoxy)-2,2-dimethylpropane

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Hazard statements (CLP) : 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 (CLP) P261 - Avoid breathing vapours

P264 - Wash hands and forearms thoroughly after handling

P272 - Contaminated work clothing should not be allowed out of the workplace

P273 - Avoid release to the environment

P280 - Wear eye protection, protective clothing, protective gloves P302+P352 - IF ON SKIN: Wash with plenty of soap and water

**EUH-statements** : EUH205 - Contains epoxy constituents. May produce an allergic reaction

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### SECTION 3: Composition/information on ingredients

#### **Substances**

Not applicable

#### **Mixtures**

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	(CAS-No.) 25068-38-6 (EC-No.) 500-033-5 (EC Index-No.) 603-074-00-8 (REACH-no) 01-2119456619-26	< 50	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
1,3-bis(2,3-epoxypropoxy)-2,2-dimethylpropane	(CAS-No.) 17557-23-2 (EC-No.) 241-536-7 (EC Index-No.) 603-094-00-7	< 50	Skin Irrit. 2, H315 Skin Sens. 1, H317
benzyl alcohol	(CAS-No.) 100-51-6 (EC-No.) 202-859-9 (EC Index-No.) 603-057-00-5 (REACH-no) 01-2119492630-38	< 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	(CAS-No.) 25068-38-6 (EC-No.) 500-033-5	(C >= 5) Skin Irrit. 2, H315 (C >= 5) Eye Irrit. 2, H319
	(EC Index-No.) 603-074-00-8 (REACH-no) 01-2119456619-26	

: Without VOC (volatile organic compounds) Comments

Full text of H-phrases: see section 16

## **SECTION 4: First aid measures**

#### Description of first aid measure

First-aid measures general Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical

advice/attention if you feel unwell.

First-aid measures after skin contact Take off contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs:

Get medical advice/attention.

First-aid measures after eye contact Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Rinse mouth. Do not induce vomiting without medical advice. Obtain emergency medical First-aid measures after ingestion attention.

# Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

# Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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#### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Presents no particular fire or explosion hazard.

Hazardous decomposition products in case of : Carbon oxides (CO, CO2).

fire

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. Scoop

absorbed substance into closing containers. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

#### **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Avoid all eye and skin

contact and do not breathe vapour and mist.

Handling temperature : 5 - 50 °C

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Always wash hands after handling the product. Take off

contaminated clothing and wash before reuse.

# 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well-ventilated place.

Incompatible products : Strong bases. Strong acids. Oxidation agents.

Storage temperature : 10 - 30 °C

Heat and ignition sources : Keep away from heat and direct sunlight.

## 7.3. Specific end use(s)

Industrial. Professional.

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

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

#### Personal protective equipment:

Protective clothing. Gloves. Protective goggles.

#### Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

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Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	nitrile rubber (NBR), butyl rubber, Polyvinylchloride (PVC)	6 (> 480 minutes)	0.11		EN 374

#### Eye protection:

Use splash goggles when eye contact due to splashing is possible

Туре	Use	Characterizations	Standard
Protective goggles	Droplet		EN 166

#### Skin and body protection:

Wear suitable protective clothing. CEN: EN 340; EN 369; EN 465

#### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. EN 143







#### Other information:

Do not eat, drink or smoke during use.

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

9.1. Information on basic physical and chemical propertie						
	9.1.	Information	on bacic ph	weical and	chamical	Inconcrtice

Physical state : Liquid

Appearance : transparent.

Colour : Green.

Odour : characteristic.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : < 0 °C

Freezing point : No data available

Boiling point :  $> 100 \,^{\circ}\text{C}$ Flash point :  $> 62 \,^{\circ}\text{C}$ 

Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available

Relative vapour density at 20  $^{\circ}$ C : > 1 Relative density : 1,11

Solubility : Poorly soluble in water.

Log Pow : No data available

Viscosity, kinematic : 370 mPa.s

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

#### 9.2. Other information

No additional information available

#### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions of use.

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#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidation agent.

#### 10.6. Hazardous decomposition products

Combustion generates: Carbon oxides (CO, CO2).

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

#### reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)

reaction product. Displicitor A (epichiornyalin), epoxy resin (hamber average molecular weight 2 100) (2000 00 0)		
LD50 oral rat	15000 mg/kg	
LD50 dermal rabbit	23000 mg/kg	

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified

STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

# reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6) LC50 other aquatic organisms 2 96hr 2 mg/l leuciscus idus EC50 Daphnia 1 48hr 1,8 mg/l ErC50 (algae) 72hr 11 mg/l

#### 12.2. Persistence and degradability

No additional information available

# 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

## **DRY FIX® 16 - Component A**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### 12.6. Other adverse effects

Additional information : Avoid release to the environment

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## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations.

Additional information

:  $\begin{tabular}{ll} Empty containers should be taken for recycle, recovery or waste in accordance with local \end{tabular}$ 

regulation.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : 08 04 09\* - waste adhesives and sealants containing organic solvents or other dangerous

substances

#### **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
3082	3082	3082	3082	3082
14.2. UN proper ship	ping name			<b>'</b>
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A-
(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700))	(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700))	(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700))	(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700))	(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700))
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)), 9, III, (E)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)), 9, III, MARINE POLLUTANT	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS; reaction product: bisphenol-A- (epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)), 9, III
14.3. Transport hazar	rd class(es)			
9	9	9	9	9
¥2>	¥2	¥2	¥2	<b>1 1 1 1 2 2</b>
14.4. Packing group				
III	III	III	III	III
14.5. Environmental				
Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes

#### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 601, 375

Limited quantities (ADR) : 5I Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions : T4

(ADR)

Portable tank and bulk container special : TP1, TP29

provisions (ADR)

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Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages : V12

(ADR)

Special provisions for carriage - Loading,

unloading and handling (ADR)

: CV13

Hazard identification number (Kemler No.) : 90

Orange plates :

90 3082

Tunnel restriction code (ADR) : E

- Transport by sea

Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P001, LP01

Special packing provisions (IMDG) : PP1

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T4

Tank special provisions (IMDG) : TP2, TP29

EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-F
Stowage category (IMDG) : A
MFAG-No : 171

- Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L

Special provisions (IATA) : A97, A158, A197

ERG code (IATA) : 9L

- Inland waterway transport

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 375, 601

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP

Number of blue cones/lights (ADN) : 0

- Rail transport

Classification code (RID) : M6

Special provisions (RID) : 274, 335, 375, 601

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions : T4

(RID)

Portable tank and bulk container special : TP1, TP29

provisions (RID)

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Tank codes for RID tanks (RID) : LGBV
Transport category (RID) : 3
Special provisions for carriage – Packages : W12

(RID)

Special provisions for carriage - Loading,

unloading and handling (RID)

: CW13, CW31

Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 90

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

Not applicable

# **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Directive 2012/18/EU (SEVESO III) : E2 Hazardous to the Aquatic Environment in Category Chronic 2

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

Indication of changes:

Revised safety data sheet in accordance with commission regulation (EU) No 2015/830

Section	Changed item	Change	Comments
1.2	Use of the substance/mixture	Added	
1.2	Main use category	Added	
1.2	Industrial/Professional use spec	Removed	
2.1	Adverse physicochemical, human health and environmental effects	Added	
2.1	Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]	Added	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures after ingestion	Modified	
4.1	First-aid measures after inhalation	Modified	
4.1	First-aid measures after eye contact	Modified	
4.1	First-aid measures after skin contact	Modified	
4.2	Symptoms/effects after eye contact	Added	
4.2	Symptoms/effects after inhalation	Removed	
4.2	Symptoms/effects after skin contact	Modified	
4.3	Other medical advice or treatment	Added	
5.2	Hazardous decomposition products in case of fire	Added	
5.2	Fire hazard	Added	
6.2	Environmental precautions	Modified	
6.3	Other information	Added	
6.3	Methods for cleaning up	Modified	

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13)	6.4	Reference to other sections (8,	Modified	
7.1         Hygiene measures         Modified           7.1         Precautions for safe handling         Modified           7.2         Heat and ignition sources         Added           8.2         Respiratory protection         Modified           8.2         Skin and body protection         Modified           8.2         Hand protective equipment         Modified           8.2         Personal protective equipment         Modified           9.1         Appearance         Added           9.1         Odour         Modified           9.1         Odour         Modified           10.1         Reactivity         Added           10.2         Chemical stability         Modified           10.3         Possibility of hazardous reactions         Modified           10.5         Incompatible materials         Modified           11.1         Additional information         Removed           11.1         Additional information <td></td> <td></td> <td></td> <td></td>				
7.1         Precautions for safe handling         Modified           7.2         Heat and ignition sources         Added           8.2         Respiratory protection         Modified           8.2         Skin and body protection         Modified           8.2         Hand protection         Modified           8.2         Personal protective equipment         Modified           9.1         Appearance         Added           9.1         Colour         Modified           9.1         Odour         Modified           9.1         Odour         Modified           9.1         Odour         Modified           10.1         Reactivity         Added           10.2         Chemical stability         Modified           10.3         Possibility of hazardous reactions         Modified           10.5         Incompatible materials         Modified           11.1         Additional information         Removed				
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8.2       Respiratory protection       Modified         8.2       Skin and body protection       Modified         8.2       Hand protection       Modified         8.2       Personal protective equipment       Modified         9.1       Appearance       Added         9.1       Colour       Modified         9.1       Odour       Modified         10.1       Reactivity       Added         10.2       Chemical stability       Modified         10.3       Possibility of hazardous reactions       Modified         10.5       Incompatible materials       Modified         11.1       Additional information       Removed         11.1       Additional information       Remove	7.1		Modified	
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8.2     Hand protection     Modified       8.2     Personal protective equipment     Modified       9.1     Appearance     Added       9.1     Colour     Modified       9.1     Odour     Modified       10.1     Reactivity     Added       10.2     Chemical stability     Modified       10.3     Possibility of hazardous reactions     Modified       10.5     Incompatible materials     Modified       11.1     Additional information     Removed       11.1.1     Additional information     Removed       11.1     Additional information     Removed       12.2     Persistence and degradability     Removed       1	8.2	Respiratory protection	Modified	
8.2       Personal protective equipment       Added         9.1       Appearance       Added         9.1       Colour       Modified         9.1       Odour       Modified         10.1       Reactivity       Added         10.2       Chemical stability       Modified         10.3       Possibility of hazardous reactions       Modified         10.5       Incompatible materials       Modified         11.1       Additional information       Removed         12.2       Persistence and degradability       Removed         12.3       Bioaccumulative potential	8.2	Skin and body protection	Modified	
9.1         Appearance         Added           9.1         Colour         Modified           9.1         Odour         Modified           10.1         Reactivity         Added           10.2         Chemical stability         Modified           10.3         Possibility of hazardous reactions         Modified           10.5         Incompatible materials         Modified           11.1         Additional information         Removed           12.2         Persistence and degradability	8.2	Hand protection	Modified	
9.1 Colour Modified 9.1 Odour Modified 9.1 Odour Modified 10.1 Reactivity Added 10.2 Chemical stability Modified 10.3 Possibility of hazardous reactions 10.5 Incompatible materials Modified 11.1 Additional information Removed 11.1 Additional information Additional Removed 11.1 Additional information Removed 11.1 Potential adverse human health effects and symptoms 12.2 Persistence and degradability Removed 13.1 Additional information Added 13.1 Waste disposal recommendations recommendations Added 13.1 Additional information Added 14.6 Special provisions (ADN) Modified 14.6 Special provisions (ADN) Modified 14.6 Special provisions (ADN) Modified 14.6 Special provisions and acronyms Added 16 Other information Added	8.2	Personal protective equipment	Modified	
9.1 Odour Modified 10.1 Reactivity Added 10.2 Chemical stability Modified 10.3 Possibility of hazardous reactions 10.5 Incompatible materials Modified 11.1 Additional information Removed 11.1 Removed 11.1 Additional information Removed 11.1 Removed 11.1 Potential adverse human health effects and symptoms 12.2 Persistence and degradability Removed 13.1 Additional information Added 13.1 Waste disposal recommendations Modified 13.1 Waste disposal recommendations (Percommendations (Percommendation	9.1	Appearance	Added	
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16 Data sources Modified	16		Added	
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## Abbreviations and acronyms:

SDS	Safety Data Sheet
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
LC50	Median lethal concentration
LD50	Median lethal dose
CAS	CAS (Chemical Abstracts Service) number
	EG-nr.: EINECS- en ELINCS-number
	EINECS: European Inventory of Existing Commercial Substances
	OEL: Occupational Exposure Limit

Data sources

: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

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# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Other information

#### : REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

#### Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
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

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

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

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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