



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

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

1.1 Product identifier

Trade name **DRY FIX® UNI - Component A**
not relevant (mixture)

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

Relevant identified uses professional use
Specific process or activity Elastic repair compound
Use product only in combination with component B
Uses advised against consumer uses

1.3 Details of the supplier of the safety data sheet

Repair Care
Cartografenweg 34
5140 AG Waalwijk
Netherlands

Telephone: +31 (0) 416 650095
Telefax: +31 (0) 416 652024
e-mail: info@repair-care.com
Website: www.repair-care.com
e-mail (competent person)

info@repair-care.com

1.4 Emergency telephone number

National Poisons Information Service (NPIS): 0844-8920111 (UK only) For medical professionals only.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

GHS chapter	-	Hazard class and category	-	Hazard statement code(s)
3.2	skin corrosion/irritation	Cat. 2	(Skin Irrit. 2)	H315
3.3	serious eye damage/eye irritation	Cat. 1	(Eye Dam. 1)	H318
3.4S	skin sensitisation	Cat. 1	(Skin Sens. 1)	H317
4.1C	hazardous to the aquatic environment - chronic hazard	Cat. 2	(Aquatic Chronic 2)	H411

Remarks

For full text of H-phrases: see SECTION 16.

Supplemental hazard information

Code	Supplemental hazard information
EUH205	contains epoxy constituents. May produce an allergic reaction

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Signal word **Danger**

Pictograms

GHS05, GHS07,
GHS09



Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

Precautionary statements - prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - response

P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P391 Collect spillage.

Precautionary statements - disposal

P501 Dispose of contents/container to industrial combustion plant.

Additional labelling requirements

EUH205 Contains epoxy constituents. May produce an allergic reaction.

Hazardous ingredients for labelling:

bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700), 2-(2-phenoxyethoxy)ethanol, 1,6-hexanediol diglycidyl ether

2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients

3.1 Substances

not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	wt%	Classification acc. to 1272/2008/EC	Classification acc. to 67/548/EEC
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	CAS No 25068-38-6 EC No 500-033-5 REACH Reg. No 01-2119456619-26-xxxx	≤ 55	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1 / H317 Aquatic Chronic 2 / H411	irritant; Xi; R36/38 sensitising; Xi; R43 dangerous for the environment; N; R51-53

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

Name of substance	Identifier	wt%	Classification acc. to 1272/2008/EC	Classification acc. to 67/548/EEC
1,6-hexanediol diglycidyl ether	CAS No 16096-31-4 EC No 240-260-4 REACH Reg. No 01-2119463471-41- xxxx	≤ 35	Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1 / H317 Aquatic Chronic 3 / H412	irritant; Xi; R36/38 sensitising; Xi; R43 dangerous for the environment; R52-53
2-phenoxyethanol	CAS No 122-99-6 EC No 204-589-7 REACH Reg. No 01-2119488943-21- xxxx	≤ 20	Acute Tox. 4 / H302 Eye Irrit. 2 / H319	harmful; Xn; R22 irritant; Xi; R36
2-(2-phenoxyethoxy)ethanol	CAS No 104-68-7 EC No 203-227-5 REACH Reg. No 01-2119958189-22- xxxx	≤ 20	Eye Dam. 1 / H318	irritant; Xi; R41

For full text of abbreviations: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Seek medical treatment in case of complaints. Wash contaminated clothing before reuse.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

For specialist advice physicians should contact the anti poison control centre.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

Keep containers cool with water spray. In case of fire and/or explosion do not breathe fumes. Co-ordinate fire-fighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Warning and evacuating people in the neighbourhood.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- **Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Handling and storage

Keep only in the original container in a cool, well-ventilated place. Keep container closed when not in use.

Incompatible substances or mixtures

Do not store together with materials with which contact should be avoided (see chapter 10). Protect from sunlight. Keep away from sources of ignition - No smoking.

Consideration of other advice

Storage temperature of 10 °C and up to 30 °C.

- **Packaging compatibilities**

Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

Industrial uses.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

No information available.

Relevant DNELs/DMELs/PNECs and other threshold levels

- **relevant DNELs of components of the mixture**

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	DNEL	8.33 mg/kg	human, dermal	worker (industry)	acute - systemic effects
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	DNEL	12.25 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	DNEL	8.33 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	DNEL	12.25 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
1,6-hexanediol diglycidyl ether	16096-31-4	DNEL	4.9 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
1,6-hexanediol diglycidyl ether	16096-31-4	DNEL	0.44 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
1,6-hexanediol diglycidyl ether	16096-31-4	DNEL	2.8 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
1,6-hexanediol diglycidyl ether	16096-31-4	DNEL	4.9 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
2-phenoxyethanol	122-99-6	DNEL	8.07 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
2-phenoxyethanol	122-99-6	DNEL	34.72 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
2-phenoxyethanol	122-99-6	DNEL	8.07 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
2-(2-phenoxyethoxy)ethanol	104-68-7	DNEL	8.07 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
2-(2-phenoxyethoxy)ethanol	104-68-7	DNEL	12 mg/kg	human, dermal	worker (industry)	chronic - systemic effects
2-(2-phenoxyethoxy)ethanol	104-68-7	DNEL	82 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects

• **relevant PNECs of components of the mixture**

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	PNEC	0.006 mg/l	aquatic organisms	freshwater	short-term (single instance)
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	PNEC	0.0006 mg/l	aquatic organisms	marine water	short-term (single instance)
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	PNEC	10 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	PNEC	0.996 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	PNEC	0.0996 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	PNEC	11 mg/kg	aquatic organisms	water	short-term (single instance)
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	PNEC	0.196 mg/kg	terrestrial organisms	soil	short-term (single instance)
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	PNEC	0.018 mg/l	aquatic organisms	water	continuous
1,6-hexanediol diglycidyl ether	16096-31-4	PNEC	0.0115 mg/l	aquatic organisms	freshwater	short-term (single instance)
1,6-hexanediol diglycidyl ether	16096-31-4	PNEC	0.00115 mg/l	aquatic organisms	marine water	short-term (single instance)
1,6-hexanediol diglycidyl ether	16096-31-4	PNEC	1 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
1,6-hexanediol diglycidyl ether	16096-31-4	PNEC	0.283 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
1,6-hexanediol diglycidyl ether	16096-31-4	PNEC	0.0283 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
1,6-hexanediol diglycidyl ether	16096-31-4	PNEC	0.223 mg/kg	terrestrial organisms	soil	short-term (single instance)
1,6-hexanediol diglycidyl ether	16096-31-4	PNEC	0.115 mg/l	aquatic organisms	water	continuous
2-phenoxyethanol	122-99-6	PNEC	0.943 mg/l	aquatic organisms	freshwater	short-term (single instance)
2-phenoxyethanol	122-99-6	PNEC	0.0943 mg/l	aquatic organisms	marine water	short-term (single instance)
2-phenoxyethanol	122-99-6	PNEC	24.8 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2-phenoxyethanol	122-99-6	PNEC	7.237 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2-phenoxyethanol	122-99-6	PNEC	0.7237 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-phenoxyethanol	122-99-6	PNEC	1.26 mg/kg	terrestrial organisms	soil	short-term (single instance)

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
2-phenoxyethanol	122-99-6	PNEC	3.44 mg/l	aquatic organisms	water	continuous

8.2 Exposure controls

Appropriate engineering controls

Provide local exhaust or general room ventilation to minimize vapor concentrations.

Individual protection measures (personal protective equipment)

Eye/face protection



Use safety goggle with side protection.

Skin protection

• hand protection



Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

• type of material

PVC: polyvinyl chloride, Nitrile rubber, Butyl rubber

• material thickness

> 0.5 mm.

• breakthrough times of the glove material

>480 minutes (permeation: level 6)

• other protection measures



Protective clothing against liquid chemicals.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Colour	colourless
Odour	characteristic

Other physical and chemical parameters

pH (value)	not determined
Melting point/freezing point	0 °C
Initial boiling point and boiling range	>100 °C
Flash point	62 °C
Evaporation rate	not determined
Flammability (solid, gas)	not relevant (fluid)
Explosive limits	not determined
Vapour pressure	>1 Pa
Density	1.13 g/cm ³ at 20 °C
Vapour density	>1 (air=1)
Relative density	1.13 water = 1
Solubility(ies)	not determined
Water solubility	partially soluble
Partition coefficient	
n-octanol/water (log KOW)	This information is not available.
Auto-ignition temperature	456 °C
Viscosity	not determined
Explosive properties	none
Oxidising properties	none

9.2 Other information

Of no significance.

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Avoid extremely high (> 50 ° C) or low (<5 ° C) temperatures.

Physical stresses which might result in a hazardous situation and have to be avoided

strong shocks

10.5 Incompatible materials

acids - bases - oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

- **as a result of heating**

carbon monoxide (CO) - carbon dioxide (CO₂)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

- **Acute toxicity of components of the mixture**

Name of substance	CAS No	Exposure route	ATE
2-phenoxyethanol	122-99-6	oral	1,850

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic life.

Aquatic toxicity (acute)

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	LC50	2.7 mg/l	fish	48 hours
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	EC50	2.8 mg/l	aquatic invertebrates	48 hours
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	ErC50	>11 mg/l	algae	72 hours
1,6-hexanediol diglycidyl ether	16096-31-4	LC50	30 mg/l	fish	96 hours
1,6-hexanediol diglycidyl ether	16096-31-4	EC50	23.1 mg/l	algae	48 hours
2-phenoxyethanol	122-99-6	LC50	344 mg/l	fish	96 hours
2-phenoxyethanol	122-99-6	EC50	>500 mg/l	aquatic invertebrates	48 hours
2-phenoxyethanol	122-99-6	ErC50	625 mg/l	algae	72 hours
2-(2-phenoxyethoxy)ethanol	104-68-7	LC50	432 mg/l	fish	96 hours
2-(2-phenoxyethoxy)ethanol	104-68-7	EC50	906 mg/l	aquatic invertebrates	48 hours
2-(2-phenoxyethoxy)ethanol	104-68-7	ErC50	393 mg/l	algae	72 hours

Aquatic toxicity (chronic)

May cause long-term adverse effects in the aquatic environment.

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	LC50	4.4 mg/l	fish	24 h
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	EC50	4.6 mg/l	aquatic invertebrates	24 h
2-phenoxyethanol	122-99-6	EC50	>1,000 mg/l	microorganisms	30 min
2-(2-phenoxyethoxy)ethanol	104-68-7	EC50	>947 mg/l	aquatic invertebrates	24 h

12.2 Process of degradability

Data are not available.

Degradability of components of the mixture

Name of substance	CAS No	Process	Degradation rate	Time
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6	oxygen depletion	5 %	28 d
1,6-hexanediol diglycidyl ether	16096-31-4	oxygen depletion	47 %	28 d
2-phenoxyethanol	122-99-6	DOC removal	>90 %	15 d
2-phenoxyethanol	122-99-6	oxygen depletion	90 %	28 d
2-phenoxyethanol	122-99-6	carbon dioxide generation	75 %	28 d
2-(2-phenoxyethoxy)ethanol	104-68-7	carbon dioxide generation	87 %	28 d
2-(2-phenoxyethoxy)ethanol	104-68-7	DOC removal	95.3 %	28 d

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
bisphenol-A-epichlorohydrine, epoxyresin (average molecularweight ≤ 700)	25068-38-6		2.918	
1,6-hexanediol diglycidyl ether	16096-31-4	3.57	0.822	
2-phenoxyethanol	122-99-6	4.5	1.2	
2-(2-phenoxyethoxy)ethanol	104-68-7		1.35	



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

Endocrine disrupting potential

The mixture contains substance(s) with an endocrine disrupting potential.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

13.2 Relevant provisions relating to waste

List of wastes

08 04 09x

waste adhesives and sealants containing organic solvents or other dangerous substances

13.3 Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

3082

14.2 UN proper shipping name

Hazardous ingredients

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

14.3 Transport hazard class(es)

Class

9 (miscellaneous dangerous substances and articles) (environmentally hazardous)

14.4 Packing group

III (substance presenting low danger)

14.5 Environmental hazards

hazardous to the aquatic environment

14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The cargo is not intended to be carried in bulk.

14.8 Information for each of the UN Model Regulations

• **Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)**

UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class	9
Classification code	M6
Packing group	III
Danger label(s)	9 + "fish and tree"



Environmental hazards	yes (hazardous to the aquatic environment)
Special provisions (SP)	274, 335, 375, 601
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
Transport category (TC)	3
Tunnel restriction code (TRC)	E
Hazard identification No	90

• **International Maritime Dangerous Goods Code (IMDG)**

UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class	9
Marine pollutant	yes (hazardous to the aquatic environment)
Packing group	III
Danger label(s)	9 + "fish and tree"





Special provisions (SP)	274, 335, 909
Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
EmS	F-A, S-F
Stowage category	A

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

• International Civil Aviation Organization (ICAO-IATA/DGR)

UN number	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Class	9
Environmental hazards	yes (hazardous to the aquatic environment)
Packing group	III
Danger label(s)	9 + "fish and tree"
 	
Special provisions (SP)	A97, A158, 274
Excepted quantities (EQ)	E1
Limited quantities (LQ)	30 kg

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

• Restrictions according to REACH, Annex XVII

None of the ingredients are listed.

• List of substances subject to authorisation (REACH, Annex XIV)

None of the ingredients are listed.

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II

None of the ingredients are listed.

Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)

None of the ingredients are listed.

National regulations (Switzerland)

Ordinance on the incentive tax on volatile organic compounds (VOCV)

VOC content (object of taxation):

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

DRY FIX® UNI - Component A

Version number: GHS 1.0

Date of compilation: 2015-06-11

SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
Acute Tox.	acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Chronic	hazardous to the aquatic environment - chronic hazard
ATE	Acute Toxicity Estimate
BCF	BioConcentration Factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
COD	chemical oxygen demand
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EmS	Emergency Schedule
Eye Dam.	seriously damaging to the eye
Eye Irrit.	irritant to the eye
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
log KOW	n-octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
N	dangerous for the environment
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	corrosive to skin
Skin Irrit.	irritant to skin
Skin Sens.	skin sensitisation
vPvB	very Persistent and very Bioaccumulative
Xi	irritant
Xn	harmful

DRY FIX® UNI - Component A

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Key literature references and sources for data

- Regulation (EC) No. 1907/2006 (REACH), amended by 453/2010/EU
- Regulation (EC) No. 1272/2008 (CLP, EU GHS)

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards/environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H302	harmful if swallowed
H315	causes skin irritation
H317	may cause an allergic skin reaction
H318	causes serious eye damage
H319	causes serious eye irritation
H411	toxic to aquatic life with long lasting effects
H412	harmful to aquatic life with long lasting effects
R22	harmful if swallowed
R36	irritating to eyes
R36/38	irritating to eyes and skin
R41	risk of serious damage to eyes
R43	may cause sensitisation by skin contact
R51/53	toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.