WOOD FINISHES DIRECT

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For purchasing information visit:
Repair Care Dry Flex 4 2-in-1

DRY FLEX® 4 2-IN-1 - Component A

Safety Data Sheet

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

Date of issue: 04-11-2010 Revision date: 15-12-2014 Supersedes: 26-08-2013 Version: 3.0

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

1.1. Product identifier

Product form : Mixture

Name : DRY FLEX® 4 2-in-1 - Component A

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only

Use of the substance/mixture : Elastic repair compound.
Product only to be used in combination with component B.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Repair Care
Cartografenweg 34
5140 AG Waalwijk - Nederland
T + 31(0) 416 650095 - F + 31(0) 416 652024
info@repair-care.com - www.repair-care.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]Show CLP information + DPD classification in section 2.1

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Skin Sens. 1 H317

Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Xi; R36/38

R43

N; R51/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS07 GHS09

Signal word (CLP) : Warning

Hazardous ingredients : oxirane, mono[(C12-14-alkyloxy)methyl] derivs., Bisphenol-F-epichlorohydrin epoxy resin average molecular weight ≤ 700, reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)

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

2.3. Other hazards

Other hazards not contributing to the classification : Without VOC (volatile organic compounds).

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
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	< 50	Xi; R36/38 R43 N; R51/53
Bisphenol-F-epichlorohydrin epoxy resin average molecular weight ≤ 700	(CAS No) 9003-36-5 (EC no) 500-006-8 (REACH-no) 01-2119454392-40	< 20	Xi; R38 R43 N; R51/53
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	(CAS No) 68609-97-2 (EC no) 271-846-8 (EC index no) 603-103-00-4	< 25	Xi; R38 R43
nonylphenol substance listed as REACH Candidate (4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof])	(CAS No) 25154-52-3 (EC no) 246-672-0 (EC index no) 601-053-00-8	< 1	Repr.Cat.3; R62 Repr.Cat.3; R63 Xn; R22 C; R34 N; R50/53
Benzyl alcohol	(CAS No) 100-51-6 (EC no) 202-859-9 (EC index no) 603-057-00-5 (REACH-no) 01-2119492630-38	0,1 - 1	Xn; R20/22

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 (EC index no) 603-074-00-8	(C >= 5) Xi;R36/38

Name	Product identifier	%	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	< 50	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Bisphenol-F-epichlorohydrin epoxy resin average molecular weight ≤ 700	(CAS No) 9003-36-5 (EC no) 500-006-8 (REACH-no) 01-2119454392-40	< 20	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	(CAS No) 68609-97-2 (EC no) 271-846-8 (EC index no) 603-103-00-4	< 25	Skin Irrit. 2, H315 Skin Sens. 1, H317
nonylphenol substance listed as REACH Candidate (4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof])	(CAS No) 25154-52-3 (EC no) 246-672-0 (EC index no) 601-053-00-8	< 1	Repr. 2, H361f Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzyl alcohol	(CAS No) 100-51-6 (EC no) 202-859-9 (EC index no) 603-057-00-5 (REACH-no) 01-2119492630-38	0,1 - 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332

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 (EC index no) 603-074-00-8	(C >= 5) Skin Irrit. 2, H315 (C >= 5) Eye Irrit. 2, H319

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

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 : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Take off contaminated clothes, wash skin with plenty of water or have a shower (during minimum 15 minutes) and if necessary take medical advice. Wash with plenty of soap and water. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after inhalation : May cause an allergic skin reaction.

Symptoms/injuries after skin contact : Causes skin irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

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 : No fire hazard.

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 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 personnel to a safe area.

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. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

Concerning disposal elimination after cleaning, see item 13. Concerning personal protective equipment to use, see item 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing mist, spray, vapors.

7.2. Conditions for safe storage, including any incompatibilities

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

Incompatible products : Strong bases. Strong acids. Oxidizing agent.

Incompatible materials : Remove all sources of ignition. Protect material from direct sunlight.

Storage temperature : 20 °C +/- 10 °C

7.3. Specific end use(s)

industrial.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize vapour concentrations.

Personal protective equipment : Avoid all unnecessary exposure. Protective clothing. Gloves. Safety glasses.

Hand protection : Since the product consists of several substances, it is possible to estimate the durability of the glove material beforehand and it therefore needs to be tested before use. Gloves must be replaced aftereach use and whenever signs of wear of perforation appear. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. PVC: penetration time > 480 ', thickness > 0.35 mm; Butylrubber: penetration time > 480 ', thickness > 0.5 mm; Natural rubber: penetration time > 480, thickness> 0.5 mm. Nitrile: penetration time> 480 '; thickness> 0.35 mm.

Eye protection : Safety glasses.

Skin and body protection : Wear suitable protective clothing. Impermeable clothing. CE: EN 340.

Respiratory protection : Wear appropriate mask. No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
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 °C
Flash point	:	> 65 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Non flammable
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	> 1 (air=1)
Relative density	:	1,13 (H2O=1)
Solubility	:	Moderately soluble in water.
Log Pow	:	No data available
Viscosity, kinematic	:	No data available
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

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Strong acids. alkaline metals. Oxidizing agent.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Benzyl alcohol (100-51-6)	
LD50 oral rat	1230 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 inhalation rat (mg/l)	4,8 mg/l/4h

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)	
LD50 dermal rat	26800 mg/kg

Bisphenol-F-epichlorohydrin epoxy resin average molecular weight ≤ 700 (9003-36-5)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rat	> 2000 mg/kg

reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)	
LD50 oral rat	15000 mg/kg
LD50 dermal rabbit	23000 mg/kg

Skin corrosion/irritation : Causes skin irritation.
Causes skin irritation

Serious eye damage/irritation : Causes serious eye irritation.
Based on available data, the classification criteria are not met

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

Germ cell mutagenicity : Not classified
Based on available data, the classification criteria are not met

Carcinogenicity : Not classified
Based on available data, the classification criteria are not met

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)	
NOAEL (chronic, oral, animal/male, 2 years)	100 mg/kg bodyweight

Bisphenol-F-epichlorohydrin epoxy resin average molecular weight ≤ 700 (9003-36-5)	
NOAEL (chronic, oral, animal/male, 2 years)	250 mg/kg bodyweight

Reproductive toxicity : Not classified
Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified
Based on available data, the classification criteria are not met

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)	
NOAEL (dermal, rat/rabbit)	100 mg/kg bodyweight

Specific target organ toxicity (repeated exposure) : Not classified
Based on available data, the classification criteria are not met

Aspiration hazard : Not classified
Based on available data, the classification criteria are not met

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

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

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)	
LC50 other aquatic organisms 1	96hr > 5000 mg/l leuciscus idus (OECD 203)
EC50 Daphnia 1	48hr 6,07 mg/l OECD 202
ErC50 (algae)	72hr 843,75 mg/l OECD 201

Bisphenol-F-epichlorohydrin epoxy resin average molecular weight ≤ 700 (9003-36-5)	
LC50 other aquatic organisms 1	96hr 2,54 mg/l leuciscus idus
EC50 Daphnia 1	48hr 2,55
ErC50 (algae)	48hr 1,8 mg/l

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

12.2. Persistence and degradability

DRY FLEX® 4 2-in-1 - Component A	
Persistence and degradability	May cause long-term adverse effects in the environment.

Benzyl alcohol (100-51-6)	
Persistence and degradability	Readily biodegradable.

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)	
Persistence and degradability	Readily biodegradable.

Bisphenol-F-epichlorohydrin epoxy resin average molecular weight ≤ 700 (9003-36-5)	
Persistence and degradability	not readily degradable in water.

12.3. Bioaccumulative potential

DRY FLEX® 4 2-in-1 - Component A	
Bioaccumulative potential	Not established.

Benzyl alcohol (100-51-6)	
Log Pow	1,1
Bioaccumulative potential	Due to the n-octanol-water partition coefficient, a bio-accumulation in organisms is not to be expected.

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)	
Log Pow	3,77 OECD 107
Bioaccumulative potential	not bioaccumulative.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Component	
nonylphenol (25154-52-3)	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

: Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to to an authorized waste treatment plant.

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

14.1. UN number

UN-No. (ADR) : 3082

UN-No. (IMDG) : 3082

UN-No.(IATA) : 3082

UN-No.(ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

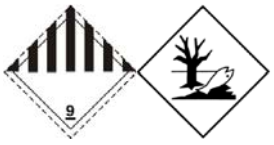
Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxirane, mono[(C12-14-alkyloxy)methyl] derivs., reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700))
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxirane, mono[(C12-14-alkyloxy)methyl] derivs., reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700))
Proper Shipping Name (IATA) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (oxirane, mono[(C12-14-alkyloxy)methyl] derivs., reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700))
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 9
Hazard labels (ADR) : 9

:



IMDG

Transport hazard class(es) (IMDG) : 9

:

IATA

Transport hazard class(es) (IATA) : 9

:

ADN

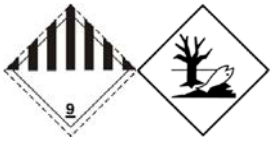
Transport hazard class(es) (ADN) : Not applicable

:

RID

Transport hazard class(es) (RID) : 9
Danger labels (RID) : 9

:



14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III

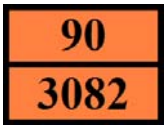
Packing group (ADN)	:	Not applicable
Packing group (RID)	:	Not applicable

14.5. Environmental hazards

Dangerous for the environment	:	Yes
Marine pollutant	:	Yes
Other information	:	No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR)	:	M6
Special provision (ADR)	:	274, 335, 601
Limited quantities (ADR)	:	5L
Excepted quantities (ADR)	:	E1
Vehicle for tank carriage	:	AT
Transport category (ADR)	:	3
Hazard identification number (Kemler No.)	:	90
Orange plates	:	
Tunnel restriction code (ADR)	:	E
EAC code	:	•3Z

14.6.2. Transport by sea

Special provisions (IMDG)	:	274, 335
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

14.6.3. 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
ERG code (IATA)	:	9L

14.6.4. Inland waterway transport

Not subjected to ADN	:	No

14.6.5. Rail transport

Classification code (RID)	:	M6
Carriage prohibited (RID)	:	No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

No REACH Annex XVII restrictions

Contains REACH Candidate List substance(s): 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] (EC 246-672-0, CAS 25154-52-3)

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:

The classification of the product (according to EU regulations) has been altered.

	Supersedes	Added	
	Revision date	Added	
	Date of issue	Modified	
1.1	Product form	Modified	
1.1	Name	Modified	
3	Composition/information on ingredients	Modified	
7.1	Hygiene measures	Modified	
8.2	Appropriate engineering controls	Added	

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Abbreviations and acronyms : ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road). . GHS: Globally Harmonized System of Classification and Labelling of Chemicals. IATA: International Air Transport Association. ICAO: International Civil Aviation Organization. IMDG: International Maritime Code for Dangerous Goods. LC50: Lethal concentration, 50 percent. LD50: Lethal dose, 50 percent. MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark). NOEC: No Observed Effect Concentration . RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail). VOC: Volatile Organic Compounds (USA, EU.

Other information : Reviewed on : 26-8-2013. 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 R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Skin Sens. 1	Sensitisation — Skin, category 1
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H361f	Suspected of damaging fertility
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
R20/22	Harmful by inhalation and if swallowed
R22	Harmful if swallowed
R34	Causes burns
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R62	Possible risk of impaired fertility
R63	Possible risk of harm to the unborn child
C	Corrosive
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

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

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

1.1. Product identifier

Product form : Mixture

Name : DRY FLEX® 4 2-in-1 - Component B

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only

Use of the substance/mixture : Product only to be used in combination with component A.
Elastic repair compound.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Repair Care
Cartografenweg 34
5140 AG Waalwijk - Nederland
T + 31(0) 416 650095 - F + 31(0) 416 652024
info@repair-care.com - www.repair-care.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]Show CLP information + DPD classification in section 2.1

Acute Tox. 4 (Oral)	H302
Acute Tox. 4 (Dermal)	H312
Acute Tox. 4 (Inhalation:dust,mist)	H332
Skin Corr. 1A	H314
Skin Sens. 1	H317
Aquatic Chronic 3	H412

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Xn; R20/21/22

C; R34

R43

R52/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS05 GHS07

Signal word (CLP) : Danger

Hazardous ingredients : 2-piperazin-1-ylethylamine, Bis(dimethylaminomethyl)phenol, 2,4,6-tris(dimethylaminomethyl)phenol, m-phenylenebis(methylamine), Alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)poly(oxy(methyl-1,2-ethanediyl)).

Hazard statements (CLP)	:	H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled H314 - Causes severe skin burns and eye damage H317 - May cause an allergic skin reaction H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (CLP)	:	P260 - Do not breathe vapours, mist, spray P264 - Wash Hands and forearms thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P272 - Contaminated work clothing should not be allowed out of the workplace P273 - Avoid release to the environment

2.3. Other hazards

Other hazards not contributing to the classification : Without VOC (volatile organic compounds).

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)poly(oxy(methyl-1,2-ethanediyl))	(CAS No) 9046-10-0	< 40	Xn; R21/22 C; R34
m-phenylenebis(methylamine)	(CAS No) 1477-55-0 (EC no) 216-032-5	< 30	Xn; R20/21/22 C; R34 R43 R52/53
2,4,6-tris(dimethylaminomethyl)phenol	(CAS No) 90-72-2 (EC no) 202-013-9 (EC index no) 603-069-00-0	< 10	Xn; R22 Xi; R36/38
PTBP-E	(CAS No) 98-54-4 (EC no) 202-679-0	< 20	Xi; R36/37/38
2-piperazin-1-ylethylamine	(CAS No) 140-31-8 (EC no) 205-411-0 (EC index no) 612-105-00-4	< 20	Xn; R21/22 C; R34 R43 R52/53
nonylphenol substance listed as REACH Candidate (4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof])	(CAS No) 25154-52-3 (EC no) 246-672-0 (EC index no) 601-053-00-8	< 1	Repr.Cat.3; R62 Repr.Cat.3; R63 Xn; R22 C; R34 N; R50/53
Bis(dimethylaminomethyl)phenol	(CAS No) 71074-89-0 (EC no) 275-162-0	< 2,5	C; R34

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)poly(oxy(methyl-1,2-ethanediyl))	(CAS No) 9046-10-0	< 40	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Corr. 1A, H314
m-phenylenebis(methylamine)	(CAS No) 1477-55-0 (EC no) 216-032-5	< 30	Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412
2,4,6-tris(dimethylaminomethyl)phenol	(CAS No) 90-72-2 (EC no) 202-013-9 (EC index no) 603-069-00-0	< 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319
PTBP-E	(CAS No) 98-54-4 (EC no) 202-679-0	< 20	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
2-piperazin-1-ylethylamine	(CAS No) 140-31-8 (EC no) 205-411-0 (EC index no) 612-105-00-4	< 20	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
nonylphenol substance listed as REACH Candidate (4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof])	(CAS No) 25154-52-3 (EC no) 246-672-0 (EC index no) 601-053-00-8	< 1	Repr. 2, H361f Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Bis(dimethylaminomethyl)phenol	(CAS No) 71074-89-0 (EC no) 275-162-0	< 2,5	Skin Corr. 1B, H314

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

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 to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact : Remove contaminated clothes. Rinse skin with water/shower. Wash skin thoroughly with mild soap and water. Get medical advice/attention. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Ensure adequate flushing of eyes by separating eyelids with the fingers.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries : Causes severe skin burns and eye damage.

Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause an allergic skin reaction.

Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin.

Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

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 : No fire hazard.

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 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

General measures : Provide adequate ventilation.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate personnel to a safe area.

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. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

Concerning disposal elimination after cleaning, see item 13. Concerning personal protective equipment to use, see item 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing mist, spray, Handle in accordance with good industrial hygiene and safety practice. Avoid contact during pregnancy/while nursing.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Wash Hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	:	Comply with applicable regulations.
Storage conditions	:	Keep only in the original container in a cool, well-ventilated place. Keep container closed when not in use.
Incompatible products	:	Acids.
Incompatible materials	:	Remove all sources of ignition. Protect material from direct sunlight.
Storage temperature	:	20 °C ± 10°C

7.3. Specific end use(s)

industrial.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	:	Provide local exhaust or general room ventilation to minimize vapour concentrations.
Personal protective equipment	:	Avoid all unnecessary exposure. Protective clothing. Gas mask. Gloves. Safety glasses.

Hand protection	:	Since the product consists of several substances, it is possible to estimate the durability of the glove material beforehand and it therefore needs to be tested before use. Gloves must be replaced aftereach use and whenever signs of wear of perforation appear. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. PVC: penetration time > 480 ', thickness > 0.35 mm; Butylrubber: penetration time > 480 ', thickness > 0.5 mm; Natural rubber: penetration time > 480, thickness> 0.5 mm. Nitrile: penetration time> 480 '; thickness> 0.35 mm.
Eye protection	:	Chemical goggles or face shield. Safety glasses. DIN EN 166.
Skin and body protection	:	Wear suitable protective clothing.
Respiratory protection	:	Wear appropriate mask.
Other information	:	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Colourless.
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 °C
Flash point	:	> 62 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available

Flammability (solid, gas)	:	Non flammable
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	> 1 (air=1)
Relative density	:	1,05 (H2O=1)
Solubility	:	In water, material is partially soluble.
Log Pow	:	No data available
Viscosity, kinematic	:	No data available
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

Thermal decomposition generates : Corrosive vapours.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

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

10.5. Incompatible materials

acids.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.

m-phenylenebis(methylamine) (1477-55-0)	
LD50 oral rat	930 mg/kg (Rat)
LD50 dermal rabbit	2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	2,4 mg/l/4h (Rat)

Alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)poly(oxy(methyl-1,2-ethanediyl)) (9046-10-0)	
LD50 oral rat	580 mg/kg (Rat)
LD50 dermal rabbit	670 mg/kg (Rabbit)

Skin corrosion/irritation	:	Causes severe skin burns and eye damage.
Serious eye damage/irritation	:	Serious eye damage, category 1, implicit
Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
Germ cell mutagenicity	:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity	:	Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	:	Not classified Based on available data, the classification criteria are not met
Aspiration hazard	:	Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	:	Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.

SECTION 12: Ecological information

12.1. Toxicity

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

m-phenylenebis(methylamine) (1477-55-0)	
LC50 fishes 1	155,88 mg/l (48 h; Oryzias latipes)
EC50 Daphnia 1	16 mg/l (48 h; Daphnia sp.)
LC50 fish 2	> 100 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
Threshold limit algae 1	12 mg/l (72 h; Algae; Biomass)

12.2. Persistence and degradability

DRY FLEX® 4 2-in-1 - Component B	
Persistence and degradability	May cause long-term adverse effects in the environment.

m-phenylenebis(methylamine) (1477-55-0)	
Persistence and degradability	not readily degradable in water.

Alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)poly(oxy(methyl-1,2-ethanediyl)) (9046-10-0)	
Persistence and degradability	Biodegradability in soil: no data available.

12.3. Bioaccumulative potential

DRY FLEX® 4 2-in-1 - Component B	
Bioaccumulative potential	Not established.

m-phenylenebis(methylamine) (1477-55-0)	
BCF fish 1	< 2,7 (Cyprinus carpio; Test duration: 6 weeks)
Log Pow	0,15
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)poly(oxy(methyl-1,2-ethanediyl)) (9046-10-0)	
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Component	
nonylphenol (25154-52-3)	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

: Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to to an authorized waste treatment plant.

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

14.1. UN number

UN-No. (ADR) : 2735

UN-No. (IMDG) : 2735

UN-No.(IATA) : 2735

UN-No.(ADN) : Not applicable

UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : AMINES, LIQUID, CORROSIVE, N.O.S. / POLYAMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), Alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)poly(oxy(methyl-1,2-ethanediyl)))

Proper Shipping Name (IMDG)	:	AMINES, LIQUID, CORROSIVE, N.O.S. / POLYAMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), Alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)poly(oxy(methyl-1,2-ethanediyl)))
Proper Shipping Name (IATA)	:	AMINES, LIQUID, CORROSIVE, N.O.S. / POLYAMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), Alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)poly(oxy(methyl-1,2-ethanediyl)))
Proper Shipping Name (ADN)	:	Not applicable
Proper Shipping Name (RID)	:	Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	:	8
Hazard labels (ADR)	:	8

:

IMDG

Transport hazard class(es) (IMDG)	:	8

IATA

Transport hazard class(es) (IATA)	:	8

ADN

Transport hazard class(es) (ADN)	:	Not applicable

RID

Transport hazard class(es) (RID)	:	8
Danger labels (RID)	:	8

:

14.4. Packing group

Packing group (ADR)	:	III
Packing group (IMDG)	:	III
Packing group (IATA)	:	III
Packing group (ADN)	:	Not applicable
Packing group (RID)	:	Not applicable

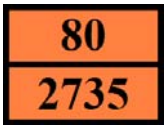
14.5. Environmental hazards

Dangerous for the environment	:	No
Marine pollutant	:	No
Other information	:	No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR)	:	C7
Special provision (ADR)	:	274
Limited quantities (ADR)	:	5L
Excepted quantities (ADR)	:	E1
Vehicle for tank carriage	:	AT
Transport category (ADR)	:	3
Hazard identification number (Kemler No.)	:	80

Orange plates : 

Tunnel restriction code (ADR) : E

EAC code : 2X

14.6.2. Transport by sea

Special provisions (IMDG) : 223, 274

Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P001, LP01

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T7

Tank special provisions (IMDG) : TP1, TP28

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-B

Stowage category (IMDG) : A

Stowage and segregation (IMDG) : 'Separated from' acids.

Properties and observations (IMDG) : Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes.

MFAG-No : 153

14.6.3. Air transport

PCA Excepted quantities (IATA) : E1

PCA Limited quantities (IATA) : Y841

PCA limited quantity max net quantity (IATA) : 1L

PCA packing instructions (IATA) : 852

PCA max net quantity (IATA) : 5L

CAO packing instructions (IATA) : 856

CAO max net quantity (IATA) : 60L

Special provisions (IATA) : A3

ERG code (IATA) : 8L

14.6.4. Inland waterway transport

Not subjected to ADN : No

14.6.5. Rail transport

Classification code (RID) : C7

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

No REACH Annex XVII restrictions

Contains REACH Candidate List substance(s): 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] (EC 246-672-0, CAS 25154-52-3)

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:
The classification of the product (according to EU regulations) has been altered.

	Supersedes	Added	
	Revision date	Added	
	Date of issue	Modified	
1.1	Product form	Modified	
1.1	Name	Modified	
3	Composition/information on ingredients	Modified	
8.2	Hand protection	Modified	

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

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 R-, H- and EUH-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H412	Harmful to aquatic life with long lasting effects
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R21/22	Harmful in contact with skin and if swallowed
R22	Harmful if swallowed
R34	Causes burns
R36/37/38	Irritating to eyes, respiratory system and skin
R36/38	Irritating to eyes and skin
R43	May cause sensitisation by skin contact
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
C	Corrosive
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

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