



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

1.1 Product identifier

Trade name : Sikalastic®-612

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

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

Product use : Polyurethane coating.

1.3 Details of the supplier of the safety data sheet

Company : Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire AL7 1BQ
United Kingdom

Telephone : +44 (0)1707 394444

1.4 Emergency telephone number

Emergency telephone number : +44 (0)1707 363899 (available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Type of product : Mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Chronic aquatic toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)




Flammable	R10: Flammable.
Carcinogenic Category 3	R40: Limited evidence of a carcinogenic effect.



Sensitising	R42/43: May cause sensitisation by inhalation and skin contact.
Dangerous for the environment	R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:	  																												
Signal word	:	Danger																												
Hazard statements	:	<table> <tr> <td>H226</td> <td>Flammable liquid and vapour.</td> </tr> <tr> <td>H317</td> <td>May cause an allergic skin reaction.</td> </tr> <tr> <td>H319</td> <td>Causes serious eye irritation.</td> </tr> <tr> <td>H334</td> <td>May cause allergy or asthma symptoms or breathing difficulties if inhaled.</td> </tr> <tr> <td>H335</td> <td>May cause respiratory irritation.</td> </tr> <tr> <td>H351</td> <td>Suspected of causing cancer.</td> </tr> <tr> <td>H412</td> <td>Harmful to aquatic life with long lasting effects.</td> </tr> </table>	H226	Flammable liquid and vapour.	H317	May cause an allergic skin reaction.	H319	Causes serious eye irritation.	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	H335	May cause respiratory irritation.	H351	Suspected of causing cancer.	H412	Harmful to aquatic life with long lasting effects.														
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P101	If medical advice is needed, have product container or label at hand.																													
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Hazardous components which must be listed on the label:

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- 265-199-0 solvent naphtha (petroleum), light arom.
- 261-879-6 bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate
- 618-498-9 Diphenylmethanediisocyanate, isomeres and homologues
- 202-966-0 4,4'-methylenediphenyl diisocyanate
- 227-534-9 diphenylmethane-2,4'-diisocyanate

Additional Labelling:

Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Contains isocyanates. May produce an allergic reaction.

2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical Name CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
solvent naphtha (petroleum), light arom. 64742-95-6 265-199-0 01-2119455851-35-XXXX	Xn; R65	Flam. Liq.3; H226 STOT SE3; H336, H335 Asp. Tox.1; H304 Aquatic Chronic2; H411	>= 5 - < 10
1,3,5-trimethylbenzene 108-67-8 203-604-4	R10 Xi; R37 N; R51/53	Flam. Liq.3; H226 STOT SE3; H335 Aquatic Chronic2; H411	>= 2,5 - < 5
1,2,4-trimethylbenzene 95-63-6 202-436-9	R10 Xn; R20 Xi; R36/37/38 N; R51/53	Flam. Liq.3; H226 Acute Tox.4; H332 Eye Irrit.2; H319 STOT SE3; H335 Skin Irrit.2; H315 Aquatic Chronic2; H411	>= 3 - < 5
bis[2-[2-(1-methylethyl)-3-	R43	Eye Irrit.2; H319	>= 3 - < 5

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oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate 59719-67-4 261-879-6 01-2119983487-19-XXXX	Xi; R36 N; R51/53	Skin Sens.1B; H317 Aquatic Chronic2; H411	
Diphenylmethanediisocyanate, isomers and homologues 9016-87-9 618-498-9	Carc.Cat.3; R40 Xn; R20-R48/20 Xi; R36/37/38 R42/43	Acute Tox.4; H332 Skin Irrit.2; H315 Eye Irrit.2; H319 Resp. Sens.1; H334 Skin Sens.1; H317 Carc.2; H351 STOT SE3; H335 STOT RE2; H373	>= 1 - < 2,5
cumene 98-82-8 202-704-5	R10 Xn; R65 Xi; R37 N; R51/53	Flam. Liq.3; H226 Asp. Tox.1; H304 STOT SE3; H335 Aquatic Chronic2; H411	>= 0,25 - < 1
4,4'-methylenediphenyl diisocyanate 101-68-8 202-966-0 01-2119457014-47-XXXX	Carc.Cat.3; R40 Xn; R20-R48/20 Xi; R36/37/38 R42/43	Acute Tox.4; H332 Eye Irrit.2; H319 STOT SE3; H335 Skin Irrit.2; H315 Resp. Sens.1; H334 Skin Sens.1; H317 Carc.2; H351 STOT RE2; H373	>= 0,1 - < 1
diphenylmethane-2,4'-diisocyanate 5873-54-1 227-534-9 01-2119480143-45-XXXX	Carc.Cat.3; R40 Xn; R20-R48/20 Xi; R36/37/38 R42/43	Acute Tox.4; H332 Eye Irrit.2; H319 STOT SE3; H335 Skin Irrit.2; H315 Resp. Sens.1; H334 Skin Sens.1; H317 Carc.2; H351 STOT RE2; H373	>= 0,1 - < 1
1-ethylpyrrolidin-2-one 2687-91-4 220-250-6 01-2119472138-36-XXXX	Repr.Cat.2; R61 Xi; R41	Repr.1B; H360D 1; H318	< 0,3
Diphenyl tolyl phosphate MCS 907-387-3 01-2119511174-52-XXXX	N; R50/53	Aquatic Acute1; H400	< 0,25

Remarks : Substances with a workplace exposure limit



For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- | | |
|-------------------------|---|
| General advice | : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance. |
| If inhaled | : Move to fresh air.
Consult a physician after significant exposure. |
| In case of skin contact | : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician. |
| In case of eye contact | : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist. |
| If swallowed | : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Obtain medical attention. |

4.2 Most important symptoms and effects, both acute and delayed

- | | |
|----------|---|
| Symptoms | : Asthmatic appearance
Cough
Respiratory disorder
Allergic reactions
Excessive lachrymation
See Section 11 for more detailed information on health effects and symptoms. |
| Risks | : irritant effects
sensitising effects |

4.3 Indication of any immediate medical attention and special treatment needed

- | | |
|-----------|--------------------------|
| Treatment | : Treat symptomatically. |
|-----------|--------------------------|

SECTION 5: Firefighting measures

5.1 Extinguishing media

- | | |
|--------------------------------|---|
| Suitable extinguishing media | : Alcohol-resistant foam, Carbon dioxide (CO ₂), Dry chemical |
| Unsuitable extinguishing media | : Water, High volume water jet |



5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.
- Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.
Remove all sources of ignition.
Deny access to unprotected persons.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

- Environmental precautions : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

- Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

- For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Avoid formation of aerosol. Do not breathe vapours or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies,



chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products

- Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against electrostatic discharges.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Store in accordance with local regulations.
- Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

- Specific use(s) : No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters *	Basis *
1,3,5-trimethylbenzene	108-67-8	TWA	20 ppm 100 mg/m3	2000/39/EC
1,2,4-trimethylbenzene	95-63-6	TWA	20 ppm 100 mg/m3	2000/39/EC
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	TWA	0,02 mg/m3	GB EH40
cumene	98-82-8	STEL	0,07 mg/m3	GB EH40
		TWA	20 ppm 100 mg/m3	2000/39/EC
		STEL	50 ppm 250 mg/m3	2000/39/EC
		TWA	25 ppm	GB EH40

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			125 mg/m3	
		STEL	50 ppm 250 mg/m3	GB EH40
diphenylmethane-2,4'-diisocyanate	5873-54-1	TWA	0,02 mg/m3	GB EH40
		STEL	0,07 mg/m3	GB EH40

DNEL

bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate : End Use: **Workers**
 Exposure routes: **Inhalation**
 Potential health effects: **Long-term systemic effects**
 Value: **29,4 mg/m3**

End Use: **Workers**
 Exposure routes: **Skin contact**
 Potential health effects: **Long-term systemic effects**

End Use: **Consumers**
 Exposure routes: **Inhalation**
 Potential health effects: **Long-term systemic effects**
 Value: **6,25 mg/m3**

End Use: **Consumers**
 Exposure routes: **Skin contact**
 Potential health effects: **Long-term systemic effects**

End Use: **Consumers**
 Exposure routes: **Ingestion**
 Potential health effects: **Long-term systemic effects**

PNEC

bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate : **Fresh water**
 Value: **0,0186 mg/l**

Marine water
 Value: **0,00186 mg/l**

Fresh water sediment
 Value: **0,709 mg/kg**

Marine sediment
 Value: **0,0709 mg/kg**

Soil
 Value: **1,131 mg/kg**

8.2 Exposure controls

Personal protective equipment

Eye protection : Safety glasses with side-shields



Eye wash bottle with pure water

- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
- Suitable for short time use or protection against splashes:
Butyl rubber/nitrile rubber gloves (0,4 mm),
Contaminated gloves should be removed.
Suitable for permanent exposure:
Viton gloves (0.4 mm),
breakthrough time >30 min.
- Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
- Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
organic vapor (Type A) and particulate filter
Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm
P1: Inert material; P2: Xn; P3: T, T+
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

Environmental exposure controls

- General advice : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : liquid
Colour : various

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Odour	:	hydrocarbon-like
Odour Threshold	:	No data available
Flash point	:	49 °C
Ignition temperature	:	No data available
Lower explosion limit (Vol%)	:	No data available
Upper explosion limit (Vol%)	:	No data available
Flammability (solid, gas)	:	No data available
Oxidizing properties	:	No data available
Auto-ignition temperature	:	No data available
pH	:	No data available
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	> 150 °C
Vapour pressure	:	No data available
Density	:	1,4 g/cm ³ at 20 °C
Water solubility	:	Note: insoluble
Partition coefficient: n-octanol/water	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	> 20,5 mm ² /s at 40 °C
Relative vapour density	:	No data available
Evaporation rate	:	No data available

9.2 Other information
No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability



The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.
Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate :

Acute oral toxicity : LD50 Oral rat: > 5.000 mg/kg

Acute dermal toxicity : LD50 Dermal rabbit: > 2.000 mg/kg

Diphenylmethanediisocyanate, isomeres and homologues :

Acute oral toxicity : LD50 Oral rat: > 10.000 mg/kg

Acute inhalation toxicity : Acute toxicity estimate : 1,5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Expert judgement

Acute dermal toxicity : LD50 Dermal rabbit: > 9.400 mg/kg

4,4'-methylenediphenyl diisocyanate :

Acute inhalation toxicity : Acute toxicity estimate : 1,5 mg/l
Test atmosphere: dust/mist
Method: Expert judgement

1-ethylpyrrolidin-2-one :

Acute oral toxicity : LD50 Oral rat: > 3.200 mg/kg

Acute inhalation toxicity : LC50 rat: 5,1 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist



Acute dermal toxicity : LD50 Dermal rat: > 2.000 mg/kg

Diphenyl tolyl phosphate MCS :

Acute oral toxicity : LD50 Oral rat: > 5.000 mg/kg

Acute dermal toxicity : LD50 Dermal rat: > 2.000 mg/kg

Skin corrosion/irritation

Product

No data available

Serious eye damage/eye irritation

Product

Causes serious eye irritation.

Respiratory or skin sensitisation

Product

May cause an allergic skin reaction.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

Product

Mutagenicity : No data available

Carcinogenicity

Product

Carcinogenicity : Suspected of causing cancer.

Reproductive Toxicity/Fertility

Reproductive toxicity : No data available

No data available

Reproductive Toxicity/Development/Teratogenicity

Teratogenicity : No data available

No data available

STOT - single exposure

No data available

STOT - repeated exposure



No data available

Aspiration toxicity

No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate :

Toxicity to daphnia and other aquatic invertebrates	: EC50: 87,1 mg/l, 48 h, <i>Daphnia magna</i> (Water flea)
Toxicity to algae	: EC50: 18,6 mg/l, 72 h, <i>Scenedesmus capricornutum</i> (fresh water algae)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized wherever possible.
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
Disposal of this product, solutions and any by-products should



at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

European Waste Catalogue : 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

Contaminated packaging : 15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

ADR

14.1 UN number : 1263
14.2 Description of the goods : PAINT RELATED MATERIAL
14.3 Class : 3
14.4 Packing group : III
Classification Code : F1
Labels : 3
Tunnel restriction code : (D/E)
14.5 Environmentally hazardous : no

ADR

Exempted according to 2.2.3.1.5 (Viscous substance exemption)

IATA

14.1 UN number : 1263
14.2 Description of the goods : Paint related material
14.3 Class : 3
14.4 Packing group : III
Labels : 3
14.5 Environmentally hazardous : no

IMDG

14.1 UN number : 1263
14.2 Description of the goods : PAINT RELATED MATERIAL
14.3 Class : 3
14.4 Packing group : III
Labels : 3
EmS Number 1 : F-E
EmS Number 2 : S-E
14.5 Marine pollutant : no

14.6 Special precautions for user

No data available

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

Labelling according to EC Directives (1999/45/EC)

Hazard pictograms :



Harmful

R-phrases(s)	: R10 R40 R42/43 R52/53	Flammable. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases(s)	: S 2 S23 S23 S36/37 S45 S51 S63	Keep out of the reach of children. Do not breathe spray. Do not breathe vapour. Wear suitable protective clothing and gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Use only in well-ventilated areas. In case of accident by inhalation: remove casualty to fresh air and keep at rest.

Hazardous components which must be listed on the label:

- 261-879-6 bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexane-1,2-diylbiscarbamate
- 618-498-9 Diphenylmethanediisocyanate, isomeres and homologues
- 202-966-0 4,4'-methylenediphenyl diisocyanate
- 227-534-9 diphenylmethane-2,4'-diisocyanate

Special labelling of certain mixtures : Contains isocyanates. See information supplied by the manufacturer.

- : Persons already sensitised to diisocyanates may develop allergic reactions when using this product.
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter



(i.e. type A1 according to standard EN 14387) is used.

Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Banned and/or restricted (1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich) (Diphenylmethanediisocyanate) (4,4'-methylenediphenyl diisocyanate) (o-(p-isocyanatobenzyl)phenyl isocyanate (Vapour and aerosols))

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed (=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : not applicable

REACH Information: All substances contained in our Products are
- preregistered or registered by our upstream suppliers, and/or
- preregistered or registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

VOC-CH (VOCV) : 19,56 %

VOC-EU (solvent) : 19,68 %

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture: : The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002
Control of Substances Hazardous to Health Regulations 2002
The Management of Health and Safety at Work Regulations 1999
Health and Safety at Work Act 1974
Environmental Protection Act 1990 & Subsidiary Regulations

15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Full text of R-Phrases

R10 Flammable.
R20 Harmful by inhalation.
R36 Irritating to eyes.

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R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R42/43	May cause sensitisation by inhalation and skin contact.
R43	May cause sensitisation by skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
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.
R61	May cause harm to the unborn child.
R65	Harmful: may cause lung damage if swallowed.

Full text of H-Statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H360D	May damage the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Asp. Tox.	Aspiration hazard
Carc.	Carcinogenicity
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquids
Repr.	Reproductive toxicity
Resp. Sens.	Respiratory sensitisation
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitisation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.



Changes as compared to previous version !

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