Product	420 B
Revision date	06 February 2018
Revision	1

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Safety Data Sheet (SDS)

Section 1: Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Product name	**420 B**
Synonyms, Trade names	No information available.

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

Identified uses	Hardener.
Uses advised against	Any other purpose.

1.3 Details of the supplier of the safety data sheet

Supplier	Renishaw plc Brooms Road Stone Business Park Stone, Staffordshire ST15 0SH United Kingdom Tel: +44 (0) 1785 285000 (during UK office hours 09:00 to 17:00 UTC).
Contact person	msds@renishaw.com

1.4 Emergency telephone number

Emergency telephone	999 / 911 or local emergency number

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazards	Not classified
Human health	STOT SE 3 - H335, Acute Tox 4 - H332, Skin Irrit.2 - H315, Eye Irrit.2A - H319, Resp. Sens 1 - H334, Skin. Sens 1 - H317, Carc. 2 - H351, STOT RE 2 - H373, Asp. Tox - H304
Environment	Not classified

2.2 Label elements

Contains

4,4'-Methylenediphenyl diisocyanate, oligomers
Propanol, ((1-methyl-1,2-ethanediyl)bis(oxy))bis-, polymer with 1- isocyanato-2-(-4-isocyanatophenyl)methyl)benzene and 1,1'- methylenebis(4-isocyanatobenzene)
4,4'-methylenediphenyl diisocyanate
Bis(isopropyl)naphthalene

Label in accordance with (EC) no. 1272/2008

Signal word

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
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.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention
P260 Do not breathe dust/fume/ gas/mist/vapours/spray.
P285 In case of inadequate ventilation wear respiratory protection.
Response
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.

EUH statements

EUH204 Contains isocyanates. May produce an allergic reaction.

2.3 Other hazards

None known.

Section 3: Composition/identification of ingredients

3.1 Substance

Not applicable.

3.2 Mixtures

Name	Product identifier	Reg. EU 1272/2008	%
4,4'-Methylenediphenyl diisocyanate, oligomers	CAS-No.: 25686-28-6 EC No.: 500-040-3	Skin Irrit.2 - H315, Skin. Sens 1 - H317, Eye Irrit.2A - H319, Acute Tox 4 - H332, Resp. Sens 1 - H334, STOT SE 3 - H335, Carc. 2 - H351, STOT RE 2 - H373	30-50%
Propanol, ((1-methyl-1,2-ethanediyl)bis(oxy))bis-, polymer with 1- isocyanato-2-(-4-isocyanatophenyl)methyl)benzene and 1,1'-methylenebis(4-isocyanatobenzene)	CAS-No.: 75880-28-3 EC No.: 500-262-0 REACH Reg No.: 01-2119485612-35-XXXX	Acute Tox 4 - H332, Skin Irrit.2 - H315, Eye Irrit.2A - H319, Resp. Sens 1 - H334, Skin. Sens 1 - H317, Carc. 2 - H351, STOT SE 3 - H335, STOT RE 2 - H373	12.5-20%
4,4'-methylenediphenyl diisocyanate	CAS-No.: 101-68-8 EC No.: 202-966-0 REACH Reg No.: 01-2119457014-47-XXXX	Acute Tox 4 - H332, Skin Irrit.2 - H315, Eye Irrit.2A - H319, Resp. Sens 1 - H334, Skin. Sens 1 - H317, Carc. 2 - H351, STOT SE 3 - H335, STOT RE 2 - H373	12.5-20%
Bis(isopropyl)naphthalene	CAS-No.: 38640-62-9 EC No.: 254-052-6	Asp. Tox - H304, Aquatic Chronic 4 - H413	12.5-20%
Terphenyl, hydrogenated	CAS-No.: 61788-32-7 EC No.: 262-967-7	Aquatic Chronic 4 - H413	7-10%
Distillates (petroleum), hydrotreated light	CAS-No.: 64742-47-8 EC No.: 265-149-8	Asp. Tox - H304	3-5%
Polyphenyls, quater- and higher, partially hydrogenated	CAS-No.: 68956-74-1 EC No.: 273-316-1	Aquatic Chronic 4 - H413	1-2.5%
o-(p-isocyanatobenzyl)phenyl isocyanate	CAS-No.: 5873-54-1 EC No.: 227-534-9 REACH Reg No.: 01-2119480143-45-XXXX	Acute Tox 4 - H332, Skin Irrit.2 - H315, Eye Irrit.2A - H319, Resp. Sens 1 - H334, Skin. Sens 1 - H317, Carc. 2 - H351, STOT SE 3 - H335, STOT RE 2 - H373	0.5-1%

The full text for all hazard statements are displayed in section 16.

Composition comments

The data shown are in accordance with the latest EC Directives.

Section 4: First aid measures

4.1 Description of first aid measures

General information

Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during

rescue. Show this safety data sheet or product label to medical personnel.

Inhalation If this product is inhaled and symptoms occur, move the exposed person to fresh air promptly. If necessary, clear the airway. If not breathing, give artificial respiration and get medical attention. If breathing is difficult, provide oxygen.

Ingestion If this product is ingested get medical attention immediately! Immediately rinse mouth and provide fresh air. If vomiting occurs, the head should be kept low so that stomach content doesn't enter the lungs, and is not swallowed.
Keep airway clear. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention immediately.

Skin contact Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact Do not rub eye. Avoid contaminating unaffected eye. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses if present and easy to do so. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Symptoms of exposure include: Irritation of eyes, nose, throat; respiratory sensitization; cough, pulmonary secretions, chest pain, dyspnea (breathing difficulty); asthma. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

Inhalation Harmful if inhaled. May cause damage to the respiratory system through prolonged or repeated exposure by inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation may cause respiratory irritation. If an allergic respiratory reaction occurs, get immediate medical attention.

Ingestion May cause digestive tract irritation, pain or vomiting. May be fatal if swallowed and enters airways.

Skin contact Causes skin irritation. May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to the physician Treat symptomatically.

Section 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media Use fire-extinguishing media appropriate for surrounding materials: Carbon dioxide, foam, fire extinguishing powder, dry sand.

Unsuitable extinguishing media Do not use water jet as an extinguisher.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products In case of fire, toxic gases (CO, CO2, NOx) may be formed.

Unusual fire & explosion hazards No unusual fire or explosion hazards noted.

Specific hazards Floors may become slippery, avoid falls.

5.3 Advice for firefighters

Special fire fighting procedures If possible, fight fire from protected position. Ventilate closed spaces before entering them. Keep up-wind to avoid fumes. Avoid breathing fire vapours. Containers close to fire should be removed immediately or cooled with water if safe to do so.
For initial fire, use dry chemical, carbon dioxide or dry sand. In case of a massive fire, use foam extinguisher. After fire is extinguished, neutralize wet isocyanate. Take measures to avoid the spill of the products or chemicals to rivers or drains due to water-discharge from fire fighting.

Protective equipment for firefighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Eliminate all sources of ignition. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection.
Do not smoke, eat or drink while using this product. Read and follow manufacturer's recommendations. Do not touch or walk through spilled material. Keep unnecessary and unprotected personnel from entering. Avoid prolonged or repeated exposure.

For emergency responders

Follow safe handling advice and personal protective equipment recommendations for normal use of product.

6.2 Environmental precautions

Environmental precautions

Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body

6.3 Methods and material for containment and cleaning up

Spill clean up methods

Wear appropriate personal protective equipment as specified in Section 8. DO NOT touch spilled material! Eliminate all sources of ignition. Ventilate and evacuate the area. Stop leak if possible without risk. Use non sparking tools or equipment for clean up.
Absorb spillage with non-combustible, absorbent material - sand. In case of a large scale of spill, dyke area with sand to stop the spill spreading. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

6.4 Reference to other sections

Reference to other sections

See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handling

Use proper personal protection when handling (refer to Section 8). Provide good ventilation. Wear appropriate respirator when ventilation is inadequate. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Do not eat, drink or smoke when using the product. Avoid inhalation of vapours.
Avoid contact with skin and eyes. Do not use contact lenses. Avoid prolonged or repeated contact. Read and follow manufacturer's recommendations. Do not mix with other chemicals. Persons with a history of skin sensitisation problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions

Keep away from heat, sparks, direct sunlight and open flames. Keep away from incompatible materials (see section 10). Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage class

Hazardous material storage.

7.3 Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.

Usage description

Use only according to directions. Replace and tighten cap after use. Avoid static build up by suitable earthing arrangements.

Section 8: Exposure controls/Personal protection

8.1 Control parameters

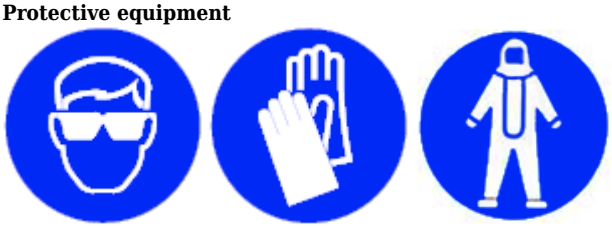
Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
4,4'-Methylenediphenyl diisocyanate, oligomers	WEL		0.02 mg/m^3		0.07 mg/m^3	Sen.

Propanol, ((1-methyl-1-2-ethanediyl)bis(oxy))bis-, polymer with 1- isocyanato-2-(-4-isocyanatophe...	WEL		0.02 mg/m³		0.07 mg/m³	Sen.
4,4'-methylenediphenyl diisocyanate	NIOSH	0,005 ppm	0,05 mg/m³	0,02 (1) ppm	0,2 (1) mg/m³	
4,4'-methylenediphenyl diisocyanate	WEL		0.02 mg/m³		0.07 mg/m³	Sen.
Terphenyl, hydrogenated	NIOSH	0,2 ppm	5 mg/m³			
o-(p-isocyanatobenzyl)phenyl isocyanate	WEL		0.02 mg/m³		0.07 mg/m³	Sen.

Ingredient comments The National Institute for Occupational Safety and Health (NIOSH).

8.2 Exposure Controls

Protective equipment



Engineering measures Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Facilities for handling this product should be closed system. Ensure surfaces and floors are made from non-permeable material.

Respiratory equipment Where risk assessment shows air-purifying respirators are appropriate a full face respirator conforming to EN143 should be used, and suitable respirator cartridges as a backup to engineering controls. Recommended: Respirator with combination filter for vapour/particulate (EN 141). Consult manufacturer for specific advice.
If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

Hand protection Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. Gloves must be inspected prior to use.
Use suitable organic solvent resistant gloves if there is a risk of skin contact. Suggested material: Chloroprene. Nitrile rubber. Consult manufacturer for specific advice.
Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Eye protection Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

Other protection Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handing this product. Protective clothing should conform to EN 14605 for liquid splashes. The selected clothing must satisfy the European norm standard EN 943.

Hygiene measures Wash promptly if skin becomes contaminated. Handle in accordance with good industrial hygiene and safety practice. DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Contaminated work clothing should not be allowed out of the workplace. Work clothing worn by personnel shall be laundered regularly.

Process conditions Use only according to directions. Ensure that eye flushing systems and safety showers are located close by in the work place. Keep container tightly sealed when not in use.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Clear, pale yellow liquid.
Colour Light Yellow.
Odour Musty.

Odour threshold - lower No information available.

Odour threshold - upper No information available.

pH-Value, Conc. Solution	No information available.
pH-Value, Diluted solution	No information available.
Melting point	No information available.
Initial boiling point and boiling range	>200 °C.
Flash point	200 °C.
Evaporation rate	No information available.
Flammability state	No information available.
Flammability limit - lower(%)	No information available.
Flammability limit - upper(%)	No information available.
Vapour pressure	No information available.
Vapour density (air=1)	No information available.
Relative density	1.11g/cm^3 @ 20.00 °C
Bulk density	No information available.
Solubility	Insoluble.
Decomposition temperature	No information available.
Partition coefficient; n-Octanol/Water	No information available.
Auto ignition temperature (°C)	No information available.
Viscosity	55 - 95 mPa.s (25°C).
Explosive properties	Not classified as explosive.
Oxidising properties	No information available.

9.2 Other information

Molecular weight	No information available.
Volatile organic compound	No information available.
Other information	None noted.

Section 10: Stability and reactivity

10.1 Reactivity

Reactivity	Stable under recommended transport and storage conditions and under recommended use. Carbon dioxide is generated when product reacts with water.

10.2 Chemical stability

Stability	Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Hazardous reactions	Reacts violently with water. Evolution of CO2 gas in closed containers may cause pressure buildup and risk of container bursting.
Hazardous polymerisation	Unknown.
Polymerisation description	Unknown.

10.4 Conditions to Avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Exposure to sunlight.

10.5 Incompatible materials

Materials to avoid Acids, alkalies, oxidising agents. Water, moisture. Amines.

10.6 Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Reactions with compounds containing active hydrogen (water) generate heat and carbon dioxide.

Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicological information May be fatal if swallowed and enters airways. Harmful if inhaled.

Acute toxicity (Oral LD50) DIPHENYLMETHANE DIISOCYANATE: (Rat, female): > 5.000 mg/kg. Method: OECD Test Guideline 425. 4,4'-methylenediphenyl diisocyanate: (Rat, male and female): > 2.000 mg/kg. Method: Tested according to Annex V of Directive 67/548/EEC. Terphenyl, hydrogenated: (Rat, male and female): > 10.000 mg/kg. Method: OECD Test Guideline 401. distillates (petroleum), hydrotreated light: (Rat, male and female): > 5.000 mg/kg. Method: OECD Test Guideline 401.

Acute toxicity (Dermal LD50) DIPHENYLMETHANE DIISOCYANATE: (Rabbit, male and female): > 9.400 mg/kg. Method: OECD Test Guideline 402. Terphenyl, hydrogenated: (Rabbit, male and female): > 2.000 mg/kg. Method: OECD Test Guideline 402. Distillates (petroleum), hydrotreated light: (Rabbit, male and female): > 5.000 mg/kg. Method: OECD Test Guideline 402.

Acute toxicity (Inhalation LD50) 4,4'-methylenediphenyl diisocyanate: (Rat, male): 0,368 mg/l. Exposure time: 4 h. Test atmosphere: dust/mist. Method: OECD Test Guideline 403. bis(isopropyl)naphthalene: (Rat, male and female): > 5,64 mg/l. Exposure time: 4 h. Test atmosphere: dust/mist. Method: OECD Test Guideline 403. Terphenyl, hydrogenated: (Rat, male and female): > 4,7 mg/l. Exposure time: 4 h. Test atmosphere: dust/mist. Method: OECD Test Guideline 403.

Serious eye damage/irritation Causes serious eye irritation.

Skin corrosion/irritation Causes skin irritation. DIPHENYLMETHANE DIISOCYANATE: Species: Rabbit. Method: OECD Test Guideline 404. Result: Skin irritation.

Respiratory sensitisation May cause allergy or asthma symptoms or breathing difficulties if inhaled. May produce an allergic reaction.

Skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Suspected of causing cancer.

Specific target organ toxicity - Single exposure:

STOT - Single exposure No information available.

Specific target organ toxicity - Repeated exposure:

STOT - Repeated exposure May cause damage to organs through prolonged or repeated exposure.

Inhalation Harmful if inhaled. May cause damage to the respiratory system through prolonged or repeated exposure by inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Inhalation may cause respiratory irritation. If an allergic respiratory reaction occurs, get immediate medical attention.

Ingestion May cause digestive tract irritation, pain or vomiting. May be fatal if swallowed and enters airways.

Skin contact Causes skin irritation. May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

Waste management When handling waste, consideration should be made to the safety precautions applying to handling of the product.

Routes of entry No information available.

Target organs Eyes, respiratory system.

Aspiration hazards: No information available.

Reproductive toxicity: No information available.

Section 12: Ecological information

12.1 Toxicity

Acute toxicity - Fish	bis(isopropyl)naphthalene: LC50 (Leuciscus idus (Golden orfe)): > 0,5 mg/l. Exposure time: 96 h. Test Type: semi-static test. Method: Directive 67/548/EEC, Annex V, C.1. Distillates (petroleum), hydrotreated light: LC50 (Oncorhynchus mykiss (rainbow trout)): > 1.000 mg/l Exposure time: 48 h. Test Type: semi-static test. Method: OECD Test Guideline 203.
Acute toxicity - Aquatic invertebrates	Terphenyl, hydrogenated: EC50 (Daphnia magna (Water flea)): > 1,34 mg/l. Exposure time: 48 h. Test Type: static test. Method: OECD Test Guideline 202. Distillates (petroleum), hydrotreated light: EC50 (Daphnia magna (Water flea)): > 1.000 mg/l. Exposure time: 48 h. Test Type: static test. Method: OECD Test Guideline 202.
Acute toxicity - Aquatic plants	DIPHENYLMETHANE DIISOCYANATE: ErC50 (Scenedesmus subspicatus): > 1.640 mg/l. Exposure time: 72 h. Test Type: static test. Method: OECD Test Guideline 201. 4,4'-methylenediphenyl diisocyanate: ErC50 (Scenedesmus subspicatus): > 1.640 mg/l. Exposure time: 72 h. Test Type: static test. Method: OECD Test Guideline 201.
Acute toxicity - Microorganisms	No information available.
Chronic toxicity - Fish	No information available.
Chronic toxicity - Aquatic invertebrates	DIPHENYLMETHANE DIISOCYANATE: NOEC: > 10 mg/l. Exposure time: 21 d. Species: Daphnia magna (Water flea). Test Type: semi-static test. Method: OECD Test Guideline 211.
Chronic toxicity - Aquatic plants	No information available.
Chronic toxicity - Microorganisms	No information available.
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Eco toxilogical information	No ecological toxicity available on the overall finished product.

12.2 Persistence and degradability

Degradability	No information available.
Biological oxygen demand	No information available.
Chemical oxygen demand	No information available.

12.3 Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
Bioaccumulation factor	No information available.
Partition coefficient; n-Octanol/Water	No information available.

12.4 Mobility in soil

Mobility	Soluble in water.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	No information available.

12.6 Other adverse effects

Other adverse effects	No information available.

Section 13: Disposal considerations

Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1 Waste treatment methods

Disposal methods	Dispose of waste and residues in accordance with local authority requirements, and in accordance with all local, national and international regulations. For waste disposal, use a licensed industrial waste disposal agent.

Section 14: Transport information

14.1 UN number

UN no. (ADR)	Not applicable.
UN no. (IMDG)	Not applicable.
UN no. (IATA)	Not applicable.

14.2 UN proper shipping name

ADR proper shipping name	Not applicable.
IMDG proper shipping name	Not applicable.
IATA proper shipping name	Not applicable.

14.3 Transport hazard class(es)

ADR class	Not applicable.
IMDG class	Not applicable.
IATA class	Not applicable.
Transport labels	Not applicable

14.4 Packing group

ADR/RID/ADN packing group	Not applicable.
IMDG packing group	Not applicable.
IATA packing group	Not applicable.

14.5 Environmental hazards

ADR	No
IMDG	No
IATA	No

14.6 Special precautions for user

EMS	Not applicable.
Emergency action code	Not applicable.
Hazard no. (ADR)	Not applicable.
Tunnel restriction code	Not applicable.

14.7 Transport in bulk according to annex II of MARPOL73/78 and the IBC code

Not applicable.

Section 15: Regulatory information

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

EU legislation	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 with amendments. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006.
Approved code of practice	Workplace Exposure Limits Guidance Note EH40/2005.
Chemical safety assessment	No chemical safety assessment has been carried out.

Section 16: Other information

General information	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
Revision comments	This is a first issue.
Revision date	06 February 2018
Revision	1
Safety data sheet status	Approved.

Hazard statements in full

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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.
H351	Suspected of causing cancer .
H373	May cause damage to organs through prolonged or repeated exposure .
H304	May be fatal if swallowed and enters airways.
H413	May cause long lasting harmful effects to aquatic life.
EUH204	Contains isocyanates. May produce an allergic reaction.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.