



SAFETY DATA SHEET TAMPUR 100

According to Regulation (EC) No 1907/2006, Annex II

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

1.1. Product identifier

Product name TAMPUR 100

Product number 100083186 - 44

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

Identified uses Water Stopping and Soil Stabilisation Polyurethane Resin

1.3. Details of the supplier of the safety data sheet

Supplier NORMET UK LTD
UNIT 5 WHEELER ROAD, SEVEN STARS INDUSTRIAL ESTATE, COVENTRY, CV3 4LB
0333 2409966
SDS@NORMET.COM

Manufacturer NORMET UK LTD
UNIT 5 WHEELER ROAD, SEVEN STARS INDUSTRIAL ESTATE, COVENTRY, CV3 4LB
0333 2409966
SDS@NORMET.COM

1.4. Emergency telephone number

Emergency telephone +44 (0) 207 858 1228

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1
- H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373

Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word Danger

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Hazard statements

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

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe vapour/spray.
 P261 Avoid breathing vapour/spray.
 P264 Wash contaminated skin thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P284 [In case of inadequate ventilation] wear respiratory protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P312 Call a POISON CENTER/doctor if you feel unwell.
 P314 Get medical advice/attention if you feel unwell.
 P321 Specific treatment (see medical advice on this label).
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with national regulations.

Contains

Isocyanic Acid, polymethylenepolyphenylene ester, 4,4'-methylenediphenyl diisocyanate, Isocyanic acid, polymethylenepolyphenylene ester, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy(methyl-1,2-ethanediyl)), Reaction mass of 4,4'-methylenediphenyl diisocyanate and o-(p-isocyanatobenzyl)phenyl isocyanate

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Isocyanic Acid, polymethylenepolyphenylene ester		30-60%
CAS number: 9016-87-9		
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373 STOT SE 3 - H335		
Diphenylmethane 4,4' - diisocyanate		10-30%
CAS number: 101-68-8	EC number: 202-966-0	
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373 STOT SE 3 - H335		
propylene carbonate		10-30%
CAS number: 108-32-7	EC number: 203-572-1	
Classification Eye Irrit. 2 - H319		
Isocyanic acid, polymethylenepolyphenylene ester, polymer with .alpha.-hydro.-omega.-hydroxypoly(oxy(methyl-1,2-ethanediyl))		1-5%
CAS number: 53862-89-8		
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373 STOT SE 3 - H335		

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DIPROPYLENEGLYCOL DIBENZOATE CAS number: 27138-31-4	1-5%
Classification Aquatic Chronic 3 - H412	
4,4'-methylenediphenyl diisocyanate CAS number: 101-68-8 EC number: 202-966-0	1-5%
Classification Resp. Sens. 1 - H334 STOT RE 2 - H373 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT SE 3 - H335	
Reaction mass of 4,4'-methylenediphenyl diisocyanate and o-(p-isocyanatobenzyl)phenyl isocyanate CAS number: —	<1%
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373 STOT SE 3 - H335	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air at once. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Inhalation	Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting.
Ingestion	Get medical attention immediately. Do not induce vomiting unless under the direction of medical personnel.
Skin contact	Wash skin thoroughly with soap and water. Take off immediately all contaminated clothing. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if irritation persists after washing.

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Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

Inhalation	Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.
Ingestion	Irritating.
Skin contact	Causes skin irritation. Allergic rash.
Eye contact	Causes serious eye irritation.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.

Unsuitable extinguishing media Do not use water, if avoidable.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Harmful gases or vapours. Cyanides. Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting In case of fire: In case of fire: Evacuate area. Move containers from fire area if it can be done without risk. Fight fire from safe distance or protected location. Do not allow water to enter the container as it will react with the product. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure procedures and training for emergency decontamination and disposal are in place. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. If ventilation is inadequate, suitable respiratory protection must be worn. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid dispersal of split material and runoff and contact with soil, waterways, drains and sewers.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up No smoking, sparks, flames or other sources of ignition near spillage. Move containers from spillage area. Small Spillages: Absorb spillage with non-combustible, absorbent material. Large Spillages: Absorb spillage with sand or other inert absorbent. Collect spillage. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Usage precautions	Restricted to professional users.
Advice on general occupational hygiene	Persons with impaired lung function should not handle this product.. Do not eat, drink or smoke when using this product. Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures between 4°C and 30°C.
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7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Isocyanic Acid, polymethylenepolyphenylene ester

Long-term exposure limit (8-hour TWA): EH40/2005 WELs (UK), 12/2011. Skin sensitiser 0.07 mg/m³, (as NCO) 8 hour(s).
Short-term exposure limit (15-minute): EH40/2005 WELs (UK), 12/2011. Skin sensitiser 0.07 mg/m³, (as NCO)

Diphenylmethane 4,4' - diisocyanate

Long-term exposure limit (8-hour TWA): EH40/2005 WELs (UK), 12/2011. Skin sensitiser 0.07 mg/m³, (as NCO) 8 hour(s).
Short-term exposure limit (15-minute): EH40/2005 WELs (UK), 12/2011. Skin sensitiser 0.07 mg/m³, (as NCO)

Polyether modified polysiloxane

Contains no substances with occupational exposure limit values (Germany).

DNEL	Workers - Short term Dermal; systemic effects: 50 mg/kg/day Workers - Inhalation; Short term systemic effects: 0.1 mg/m ³ Workers - Dermal; Short term local effects: 28.7 mg/cm ² Workers - Inhalation; Short term local effects: 0.1 mg/m ³ Workers - Inhalation; Long term systemic effects: 0.05 mg/m ³ Workers - Inhalation; Long term local effects: 0.05 mg/m ³
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PNEC	4,4'-Methylenediphenyl diisocyanate Assessment Factors - Marine water; 0.1 mg/l Assessment Factors - Soil; 1 mg/kg
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Isocyanic Acid, polymethylenepolyphenylene ester (CAS: 9016-87-9)

DNEL	Workers - Dermal; Short term systemic effects: 50 mg/kg Consumer - Dermal; Short term systemic effects: 25 mg/kg Consumer - Inhalation; Short term systemic effects: 0.05 mg/m ³ Consumer - Oral; Short term systemic effects: 20 mg/kg/day Consumer - Dermal; Short term local effects: 17.2 mg/cm ² Consumer - Inhalation; Long term systemic effects: 0.025 mg/m ³ Workers - Inhalation; Short term local effects: 0.1 mg/m ³ Workers - Dermal; Short term local effects: 28.7 mg/cm ² Workers - Inhalation; Short term systemic effects: 0.1 mg/m ³ Workers - Inhalation; Long term systemic effects: 0.05 mg/m ³ Workers - Inhalation; Long term local effects: 0.05 mg/m ³ Consumer - Inhalation; Short term local effects: 0.05 mg/m ³ Consumer - Inhalation; Long term local effects: 0.025 mg/m ³
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PNEC

- Fresh water; 1 mg/l
- Marine water; 0.1 mg/l
- Soil; 1 mg/kg
- STP; 1 mg/l
- Intermittent release; 10 mg/l

Diphenylmethane 4,4' - diisocyanate (CAS: 101-68-8)

DNEL

Workers - Dermal; Short term systemic effects: 50 mg/kg/day
Workers - Inhalation; Short term systemic effects: 0.1 mg/m³
Workers - Dermal; Short term local effects: 28.7 mg/cm²
Workers - Inhalation; Short term local effects: 0.1 mg/m³
Workers - Inhalation; Long term systemic effects: 0.05 mg/m³
Workers - Inhalation; Long term local effects: 0.05 mg/m³
Consumer - Dermal; Short term systemic effects: 25 mg/kg/day
Consumer - Inhalation; Short term systemic effects: 0.05 mg/m³
Consumer - Oral; Short term systemic effects: 20 mg/kg/day
Consumer - Dermal; Short term local effects: 17.2 mg/cm²
Consumer - Inhalation; Short term local effects: 0.05 mg/m³
Consumer - Inhalation; Long term systemic effects: 0.025 mg/m³
Consumer - Inhalation; Long term local effects: 0.025 mg/m³

PNEC

- Fresh water; 1 mg/l
- Marine water; 0.1 mg/l
- Soil; 1 mg/kg
- STP; 1 mg/l

DIPROPYLENEGLYCOL DIBENZOATE (CAS: 27138-31-4)

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DNEL

Dipropyleneglycol dibenzoate

Workers, (industrial/professional) - Human, Dermal; Short term, (acute) systemic effects: 170 mg/kg bw/day

Workers, (industrial/professional) - Human, Inhalation; Short term, (acute) systemic effects: 35.08 mg/m³

Workers, (industrial/professional) - Human, Dermal; Long term, (repeated) systemic effects: 10 mg/kg

Workers, (industrial/professional) - Human, Inhalation; Long term, (repeated) systemic effects: 8.8 mg/m³

General population - Human, Dermal; Short term, (acute) systemic effects: 80 mg/kg bw/day

General population - Human, Inhalation; Short term, (acute) systemic effects: 8.7 mg/m³

General population - Human, Oral; Short term, (acute) systemic effects: 80 mg/kg bw/day

General population - Human, Dermal; Long term, (repeated) : 0.22 mg/kg bw/day

General population - Human, Inhalation; Long term, (repeated) systemic effects: 8.69 mg/m³

General population - Human, Oral; Long term, (repeated) systemic effects: 5 mg/kg bw/day

diethylene glycol dibenzoate

Workers, (industrial/professional) - Dermal; Short term, (acute) systemic effects: 160 mg/kg bw/day

Workers, (industrial/professional) - Inhalation; Short term, (acute) systemic effects: 35.08 mg/m³

Workers, (industrial/professional) - Dermal; Long term, (repeated) systemic effects: 1.7 mg/kg bw/day

Workers, (industrial/professional) - Inhalation; Long term, (repeated) systemic effects: 5.8 mg/m³

General population - Dermal; Short term, (acute) systemic effects: 8 mg/kg bw/day

General population - Inhalation; Short term, (acute) systemic effects: 8.7 mg/m³

General population - Oral; Short term, (acute) systemic effects: 80 mg/kg bw/day

General population - Dermal; Long term, (repeated) systemic effects: 0.8 mg/kg bw/day

General population - Inhalation; Long term, (repeated) systemic effects: 1.4 mg/m³

General population - Oral; Long term, (repeated) systemic effects: 0.8 mg/kg bw/day

PNEC

Dipropyleneglycol dibenzoate

- Fresh water; 0.0037 mg/l

- Seawater; 0.00037 mg/l

- Aqua, Intermittent; 0.037 mg/l

- Sediment (Freshwater); 1.49 mg/kg

- Sediment (Marinewater); 0.149 mg/kg

- Soil; 1 mg/kg

- STP; 10 mg/l

diethylene glycol dibenzoate

- Fresh water; 0.0029 mg/l

- Seawater; 0.00029 mg/l

- Aqua, Intermittent; 0.029 mg/l

- Fresh water, Sediment; 0.103 mg/kg

- Marine, Sediment; 0.103 mg/kg

- Soil; 1 mg/kg

- STP; 10 mg/l

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Polyether modified polysiloxane

DNEL	No DNEL values on file.
DMEL	No DMEL values on file.
PNEC	No PNEC values on file.

8.2. Exposure controls

Appropriate engineering controls	This product must not be handled in a confined space without adequate ventilation.
Personal protection	Eye/face protection and gloves.
Eye/face protection	Wear tight-fitting, chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Wear protective clothing.
Hygiene measures	Wash skin thoroughly after handling. Provide eyewash station.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.
Environmental exposure controls	Keep container tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Colour	Brown.
Odour	Characteristic.
Odour threshold	Not determined.
pH	Not determined.
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not determined.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1.19 @ 25°C
Bulk density	Not determined.

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Solubility(ies)	Not determined.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	400-500 mPa s @ 25°C
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	Not considered to be explosive.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions The following materials may react with the product: Reacts with water. Acids. Alkalis.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Acids. Alkalis. Water, moisture.

10.6. Hazardous decomposition products

Hazardous decomposition products Heating may generate the following products: Carbon dioxide (CO₂). Carbon monoxide (CO). Hydrogen cyanide (HCN).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 15.95

Skin corrosion/irritation

Animal data

Product/ingredient name - 4,4'-Methylenediphenyl diisocyanate

Test - OECD 404 Acute Dermal Irritation/Corrosion

Species - Rabbit

Route of exposure - Skin

Result - Irritant Isocyanic acid, polymethylenepolyphenylene ester

Test - OECD 404 Acute Dermal Irritation/Corrosion

Species - Rabbit

Route of Exposure - Skin

Result - Mild irritant

Serious eye damage/irritation

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Serious eye damage/irritation	<p>Conclusion/Summary</p> <p>Eyes</p> <p>Isocyanic acid, polymethylenepolyphenylene ester - Based on the human occupational exposure data, this substance is considered as irritating to eyes.</p> <p>4,4'-Methylenediphenyl diisocyanate - Based on the human occupational exposure data, this substance is considered as irritating to eyes.</p> <p>Reaction mass of 4,4'-methylenediphenyl diisocyanate and o-(p-isocyanatobenzyl)phenyl isocyanate - Based on the human occupational exposure data, this substance is considered as irritating to eyes.</p>
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	<p>4,4'-Methylenediphenyl diisocyanate:</p> <p>Test - No official guidelines</p> <p>Route of exposure - Respiratory</p> <p>Species - Guinea pig</p> <p>Result - Sensitising</p> <p>Isocyanic acid, polymethylenepolyphenylene ester:</p> <p>Test - No official guidelines</p> <p>Route of exposure - Respiratory</p> <p>Species - Guinea pig</p> <p>Result - Sensitising</p>
<u>Skin sensitisation</u>	
Skin sensitisation	<p>4,4'-Methylenediphenyl diisocyanate:</p> <p>Route of exposure - Skin</p> <p>Species - Mouse</p> <p>Result - Sensitising</p> <p>Product/ingredient name - Reaction mass of 4,4'-methylenediphenyl diisocyanate and o-(p-isocyanatobenzyl)phenyl isocyanate</p> <p>Test -</p> <p>Route of exposure - Skin</p> <p>Species - Mouse</p> <p>Result - Sensitising</p>
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vivo	<p>Product/ingredient name - Isocyanic acid, polymethylenepolyphenylene ester</p> <p>Test - OECD 474</p> <p>Result - Negative</p> <p>Test -</p> <p>Result - Equivocal</p> <p>Product/ingredient name - Reaction mass of 4,4'-methylenediphenyl diisocyanate and o-(p-isocyanatobenzyl)phenyl isocyanate</p> <p>Test - OECD 474 Mammalian Erythrocyte Micronucleus Test</p> <p>Result - Negative</p>
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	<p>Isocyanic acid, polymethylenepolyphenylene ester Category 3 - Inhalation - Respiratory tract irritation</p> <p>4,4'-Methylenediphenyl diisocyanate Category 3 - Inhalation - Respiratory tract irritation</p>
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	<p>Isocyanic acid, polymethylenepolyphenylene ester Category 2 - Inhalation - Respiratory tract</p> <p>4,4'-Methylenediphenyl diisocyanate Category 2 - Inhalation - Respiratory tract</p>

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Inhalation	This product is a respiratory irritant and potential respiratory sensitiser: repeated inhalation of vapour or aerosol at levels above the occupational exposure limit could cause respiratory sensitisation. Symptoms may include irritation to the eyes, nose, throat and lungs, possibly combined with dryness of the throat, tightness of chest and difficulty in breathing. The onset of the respiratory symptoms may be delayed for several hours after the exposure. A hyper-reactive response to even minimal concentrations of MDI may develop in sensitised persons.
Ingestion	Low oral toxicity. Ingestion may cause irritation to the gastrointestinal tract.
Skin contact	Irritating to skin. May cause sensitisation by skin contact. Animal studies have shown that respiratory sensitisation can be induced by skin contact with known respiratory sensitisers including diisocyanates.
Eye contact	Irritating to eyes.
Medical symptoms	Inhalation - Adverse symptoms may include the following: respiratory tract irritation coughing wheezing and breathing difficulties asthma Ingestion - No specific data. Skin contact - Adverse symptoms may include the following: irritation redness Eye contact - Adverse symptoms may include the following: pain or irritation watering redness

SECTION 12: Ecological Information

Ecotoxicity	The product is not expected to be toxic to aquatic organisms. However, large or frequent spills may have hazardous effects on the environment.
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12.1. Toxicity

Toxicity	No data is available on the product itself.
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12.2. Persistence and degradability

Persistence and degradability	The product is not readily biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	No data is available on the product itself.
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Partition coefficient	Not determined.
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12.4. Mobility in soil

Mobility	By considering the production and use of the substance, it is unlikely that significant environmental exposure in the air or water will arise. Immiscible with water, but will react with water to produce inert and non-biodegradable solids. Conversion to soluble products, including diamino-diphenylmethane (MDA), is very low under the optimal laboratory conditions of good dispersion and low concentration. In air, the predominant degradation process is predicted to be a relatively rapid OH radical attack, by calculation and by analogy with related diisocyanates.
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12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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Waste class	European Waste Catalogue (EWC): Waste Code - 08 05 01* Waste Designation - waste isocyanates Waste Code - 16 03 05* Waste Designation - organic wastes containing dangerous substances
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SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

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 (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
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Guidance	Isocyanates: Health hazards and precautionary measures EH16. Workplace Exposure Limits EH40.
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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

All the ingredients are listed or exempt.

SECTION 16: Other information

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General information	Only trained personnel should use this material.
Revision date	01/02/2016
Revision	1
SDS number	4618
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. H412 Harmful to aquatic life with long lasting effects.

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.