

## SAFETY DATA SHEET

### URETHANE RESIN 5637A

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

##### 1.1. Product identifier

**Product name** URETHANE RESIN 5637A  
**Product number** UR5637A, EUR5637A

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

**Identified uses** Resin.  
**Uses advised against** At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** ELECTROLUBE. A division of HK WENTWORTH LTD  
ASHBY PARK, COALFIELD WAY,  
ASHBY DE LA ZOUCH, LEICESTERSHIRE LE65 1JR  
UNITED KINGDOM  
+44 (0)1530 419600  
+44 (0)1530 416640  
info@hkw.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)1530 419600 between 8.30am - 5.00pm GMT Mon – Fri

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification

**Physical hazards** Not Classified  
**Health hazards** Acute Tox. 4 - H332 Skin Sens. 1 - H317 STOT SE 3 - H335  
**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

**Hazard statements** H335 May cause respiratory irritation.  
H332 Harmful if inhaled.  
H317 May cause an allergic skin reaction.

## URETHANE RESIN 5637A

<b>Precautionary statements</b>	<p>P261 Avoid breathing vapour/spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
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### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>2-oxepanone, polymer with 1,4-butanediol</b> CAS number: 31831-53-5	<b>10-30%</b>				
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><b>Classification</b></td> <td style="width: 50%;"><b>Classification (67/548/EEC or 1999/45/EC)</b></td> </tr> <tr> <td>Not Classified</td> <td>This substance is not classified as dangerous according to Directive 67/548/EEC.</td> </tr> </table>	<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	Not Classified	This substance is not classified as dangerous according to Directive 67/548/EEC.	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>				
Not Classified	This substance is not classified as dangerous according to Directive 67/548/EEC.				

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

<b>Composition comments</b>	Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.
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#### SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Get medical attention if any discomfort continues. If there are respiratory problems, artificial respiration/oxygen. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure. Immediately call an ambulance.
<b>Ingestion</b>	DO NOT induce vomiting. Get medical attention immediately. Immediately rinse mouth and provide fresh air. Get medical attention immediately.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

<b>Inhalation</b>	May cause an asthma-like shortness of breath.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically
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#### SECTION 5: Firefighting measures

## URETHANE RESIN 5637A

### 5.1. Extinguishing media

**Suitable extinguishing media** Use: Water spray, fog or mist. Foam. Powder.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Fire creates: Irritating gases/vapours/fumes of: Hydrogen cyanide (HCN). Nitrous gases (NOx).

**Hazardous combustion products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Stop leak if possible without risk. Flush contaminated area with plenty of water. Do not contaminate water sources or sewer.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Persons with impaired lung function should not handle this product.. Persons susceptible to allergic reactions should not handle this product. Avoid inhalation of vapours and spray/mists. Avoid contact with skin. Avoid contact with eyes. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Use mechanical ventilation in case of handling which causes formation of vapours. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation. Eye wash facilities and emergency shower must be available when handling this product.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep away from heat, sparks and open flame.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

## URETHANE RESIN 5637A

### 2-oxepanone, polymer with 1,4-butanediol

Contains no substances with occupational exposure limit values.

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Provide sufficient ventilation during operations which cause vapour formation. Mechanical ventilation or local exhaust ventilation may be required.

##### Eye/face protection

Wear approved chemical safety goggles where eye exposure is reasonably probable. EN166

##### Hand protection

Gloves should conform to EN374. Wear protective gloves made of the following material: Rubber, neoprene or PVC. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

##### Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

##### Hygiene measures

Do not smoke in work area. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

##### Respiratory protection

Use respiratory equipment with combination filter, type A2/P3. Gas and combination filter cartridges should comply with European Standard EN14387. When spraying, wear a suitable supplied-air respirator. Respiratory protection must be used if air contamination exceeds acceptable level.

##### Environmental exposure controls

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

#### SECTION 9: Physical and Chemical Properties

##### 9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Yellow.
Odour	Characteristic.
Flash point	> 190°C CC (Closed cup).
Solubility(ies)	Insoluble in water.
Auto-ignition temperature	>260°C
Viscosity	0 mPa s @ 20°C

##### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

**Reactivity** Reacts strongly with strong acids, bases, organic chemicals and certain metal combinations.

##### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

## URETHANE RESIN 5637A

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid the following conditions: Heat, sparks, flames. Reacts strongly with strong acids, bases, organic chemicals and certain metal combinations.

### 10.5. Incompatible materials

**Materials to avoid** Water, steam, water mixtures. Strong acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Hydrogen cyanide (HCN).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** The polymer is expected to be of low toxicity. Not regarded as dangerous for the environment.

#### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 11.0

**General information** No specific health hazards known.

**Inhalation** Harmful by inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. May cause sensitisation by inhalation.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Irritating to skin. Prolonged or repeated contact may cause skin irritation.

**Eye contact** Irritating to eyes.

## SECTION 12: Ecological Information

**Ecotoxicity** The polymer is expected to be of low toxicity. Not regarded as dangerous for the environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** No information required.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

## URETHANE RESIN 5637A

**Disposal methods** Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

### SECTION 14: Transport information

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

#### 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

##### **National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Control of Substances Hazardous to Health Regulations 2002 (as amended).

##### **EU legislation**

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

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).

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).

##### **Guidance**

Workplace Exposure Limits EH40.

## URETHANE RESIN 5637A

<b>Health and environmental listings</b>	None of the ingredients are listed.
<b>Authorisations (Title VII Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Title VIII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Issued by</b>	David Bray
<b>Revision date</b>	20/05/2015
<b>Revision</b>	0
<b>SDS number</b>	20958
<b>Hazard statements in full</b>	H317 May cause an allergic skin reaction. H332 Harmful if inhaled. H335 May cause respiratory irritation.

## SAFETY DATA SHEET

### URETHANE RESIN UR5637B

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

##### 1.1. Product identifier

**Product name** URETHANE RESIN UR5637B  
**Product number** UR5637B, EUR5637B

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

**Identified uses** Resin.  
**Uses advised against** At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** ELECTROLUBE. A division of HK WENTWORTH LTD  
 ASHBY PARK, COALFIELD WAY,  
 ASHBY DE LA ZOUCH, LEICESTERSHIRE LE65 1JR  
 UNITED KINGDOM  
 info@hkw.co.uk  
 +44 (0)1530 419600  
 +44 (0)1530 416640

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)1530 419600 between 8.30am - 5.00pm GMT Mon – Fri

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification

**Physical hazards** Not Classified  
**Health hazards** Acute Tox. 4 - H332 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335  
**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

**Hazard statements** H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.



## URETHANE RESIN UR5637B

<b>Precautionary statements</b>	<p>P261 Avoid breathing vapour/spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
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### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>HEXAMETHYLENE-1,6-DIISOCYANATE HOMOPOLYMER</b>	<b>60-100%</b>
CAS number: 28182-81-2	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Acute Tox. 4 - H332	R43,R52/53.
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
STOT SE 3 - H335	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

<b>Composition comments</b>	Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.
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#### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Get medical attention if any discomfort continues. If there are respiratory problems, artificial respiration/oxygen. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure. Immediately call an ambulance.
<b>Ingestion</b>	DO NOT induce vomiting. Get medical attention immediately. Immediately rinse mouth and provide fresh air. Get medical attention immediately.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

## URETHANE RESIN UR5637B

**Inhalation** May cause an asthma-like shortness of breath.

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

**Notes for the doctor** Treat symptomatically

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Use: Water spray, fog or mist. Foam. Powder.

### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards** Fire creates: Irritating gases/vapours/fumes of: Hydrogen cyanide (HCN). Nitrous gases (NOx).

**Hazardous combustion products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### **5.3. Advice for firefighters**

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** For personal protection, see Section 8.

### **6.2. Environmental precautions**

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### **6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Stop leak if possible without risk. Flush contaminated area with plenty of water. Do not contaminate water sources or sewer.

### **6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Usage precautions** Persons with impaired lung function should not handle this product.. Persons susceptible to allergic reactions should not handle this product. Avoid inhalation of vapours and spray/mists. Avoid contact with skin. Avoid contact with eyes. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Use mechanical ventilation in case of handling which causes formation of vapours. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation. Eye wash facilities and emergency shower must be available when handling this product.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions** Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep away from heat, sparks and open flame.

### **7.3. Specific end use(s)**

## URETHANE RESIN UR5637B

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Provide sufficient ventilation during operations which cause vapour formation. Mechanical ventilation or local exhaust ventilation may be required.

##### Eye/face protection

Wear approved chemical safety goggles where eye exposure is reasonably probable. EN166

##### Hand protection

Gloves should conform to EN374 Wear protective gloves made of the following material: Rubber, neoprene or PVC. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

##### Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

##### Hygiene measures

Do not smoke in work area. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

##### Respiratory protection

Use respiratory equipment with combination filter, type A2/P3. Gas and combination filter cartridges should comply with European Standard EN14387. When spraying, wear a suitable supplied-air respirator. Respiratory protection must be used if air contamination exceeds acceptable level.

##### Environmental exposure controls

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Colourless to pale yellow.
<b>Odour</b>	Characteristic.
<b>Flash point</b>	> 190°C CC (Closed cup).
<b>Solubility(ies)</b>	Insoluble in water.
<b>Auto-ignition temperature</b>	>260°C
<b>Viscosity</b>	0 mPa s @ 20°C

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** Reacts strongly with strong acids, bases, organic chemicals and certain metal combinations.

#### 10.2. Chemical stability

## URETHANE RESIN UR5637B

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid the following conditions: Heat, sparks, flames. Reacts strongly with strong acids, bases, organic chemicals and certain metal combinations.

### 10.5. Incompatible materials

**Materials to avoid** Water, steam, water mixtures. Strong acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Hydrogen cyanide (HCN).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** The polymer is expected to be of low toxicity. Not regarded as dangerous for the environment.

### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 11.0

**General information** No specific health hazards known.

**Inhalation** Harmful by inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. May cause sensitisation by inhalation.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Irritating to skin. Prolonged or repeated contact may cause skin irritation.

**Eye contact** Irritating to eyes.

## SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** No information required.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

## URETHANE RESIN UR5637B

<b>General information</b>	Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.
<b>Disposal methods</b>	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

### SECTION 14: Transport information

<b>General</b>	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.

<b>Proper shipping name (ADR/RID)</b>	Amines, Liquid n.o.s
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#### 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 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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended).
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## URETHANE RESIN UR5637B

<b>EU legislation</b>	<p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> <p>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).</p> <p>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).</p> <p>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).</p>
<b>Guidance</b>	Workplace Exposure Limits EH40.
<b>Health and environmental listings</b>	None of the ingredients are listed.
<b>Authorisations (Title VII Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Title VIII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

<b>SECTION 16: Other information</b>
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<b>Issued by</b>	David Bray
<b>Revision date</b>	20/05/2015
<b>Revision</b>	0
<b>SDS number</b>	20959
<b>Hazard statements in full</b>	<p>H317 May cause an allergic skin reaction.</p> <p>H332 Harmful if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H335 May cause respiratory irritation.</p>

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