SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name: POLYURETHANE RESIN UR5041B

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

Application: 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: H K WENTWORTH PTY LIMITED
P.O. BOX 339
BROOKVALE, NSW 2100
AUSTRALIA
TEL: 02 9938 1566
FAX: 02 9938 1467
GENERAL MANAGER

1.4. Emergency telephone number

Tel: 029938 1566 between 8.30am and 5.00pm EST

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.2. Label elements

Contains: DIPHENYLMETHANE-4,4'-DI-ISOCYANATE
Label In Accordance With (EC) No. 1272/2008

Signal Word: Danger

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

P285: In case of inadequate ventilation wear respiratory protection.
POLYURETHANE RESIN UR5041B

P280 Wear protective gloves, eye and face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.
P342+311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Supplementary Precautionary Statements
P271 Use only outdoors or in a well-ventilated area.
P260 Do not breathe vapour/spray.
P333+313 If skin irritation or rash occurs: Get medical advice/attention.

Supplemental Label Information (EU)
EUH204 Contains isocyanates. See information supplied by the manufacturer.

2.3. Other hazards
Not Classified as PBT/vPvB by current EU criteria.

STATEment Of Hazardous Nature

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th>DIPHENYLMETHANE-4,4'-DI-ISOCYANATE</th>
<th>80-100%</th>
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<tbody>
<tr>
<td>CAS-No.: 101-68-8</td>
<td>EC No.: 202-966-0</td>
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<table>
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<th>Classification (67/548)</th>
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</thead>
<tbody>
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<td>Carc. Cat. 3;R40</td>
</tr>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td>Xn;R20,R48/20</td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td>Xi;R36/37/38</td>
</tr>
<tr>
<td>Resp. Sens. 1 - H334</td>
<td>R42/43</td>
</tr>
<tr>
<td>Skin Sens. 1 - H317</td>
<td></td>
</tr>
<tr>
<td>Carc. 2 - H351</td>
<td></td>
</tr>
<tr>
<td>STOT SE 3 - H335</td>
<td></td>
</tr>
<tr>
<td>STOT RE 2 - H373</td>
<td></td>
</tr>
</tbody>
</table>

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

Composition Comments
Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels Ingredients are registered on AICS

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Move the exposed person to fresh air at once. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues. If 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.

Ingestion
DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention immediately!

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

Eye contact
Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed
Inhalation
May cause an asthma-like shortness of breath.

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
Extinguishing media
Fire can be extinguished using: Water spray, fog or mist. Foam. Powder.

5.2. Special hazards arising from the substance or mixture
Hazardous Combustion Products
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
Unusual Fire & Explosion Hazards
Fire causes formation of toxic gases.
Specific hazards

5.3. Advice for firefighters
Special Fire Fighting Procedures
Avoid breathing fire vapours. Use pressurised air mask if product is involved in a fire.
Protective equipment for fire-fighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions
Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up
When dealing with a spillage, please consult the section relating to suitable protective measures. Wear necessary protective equipment. Stop leak if possible without risk. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

6.4. Reference to other sections
Wear protective clothing as described in Section 8 of this safety data sheet. 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
Persons with impaired lung functions should not handle this preparation. Persons susceptible to allergic reactions should not handle this product. Avoid forming spray/aerosol mists. Avoid inhalation of vapours/spray and contact with skin and 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
Keep in original container. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)
The identified uses for this product are detailed in Section 1.2.
8.1. Control parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIPHENYLMETHANE-4,4'-DI-ISOCYANATE</td>
<td></td>
<td>0.02 mg/m3(Sen)</td>
<td>0.07 mg/m3(Sen)</td>
<td></td>
</tr>
</tbody>
</table>

Ingredient Comments
No exposure limits noted for ingredient(s).

8.2. Exposure controls

Protective equipment

Process Conditions
Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

Engineering measures
Provide sufficient ventilation during operations which cause vapour formation. Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment
Respiratory protection must be used if air contamination exceeds acceptable level. It is recommended to use respiratory equipment with combination filter, type A2/P2. EN14387 When spraying use suitable air-supplied respirator.

Hand protection
Use protective gloves made of: Rubber, neoprene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Gloves should conform to EN374

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

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

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Viscous Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Amber</td>
</tr>
<tr>
<td>Odour</td>
<td>Musty (mouldy)</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>&gt;200 (392 F)</td>
</tr>
<tr>
<td>Melting point (°C)</td>
<td>&lt;15 (&lt;59 F)</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.23 @ 20 °C (68 F)</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>1300 kPa @ 25 °C (77 F)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>500 mPas @ 25 °C (77 F)</td>
</tr>
<tr>
<td>Flash point (°C)</td>
<td>&gt;200 (392 F) CC (Closed cup)</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
<td>&gt;530 (986 F)</td>
</tr>
</tbody>
</table>

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY
POLYURETHANE RESIN UR5041B

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

10.2. Chemical stability
Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions
Hazardous Polymerisation
Will not polymerise.

10.4. Conditions to avoid
Avoid heat, flames and other sources of ignition. 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
High temperatures generate: Toxic gases/vapours/fumes of: Carbon dioxide (CO2), Carbon monoxide (CO), Hydrogen cyanide (HCN).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50
>2000 mg/kg (oral rat)

Toxic Conc. - LC 50
490 mg/l/4h (inh-rat)

Other Health Effects
This substance has no evidence of carcinogenic properties.

General information
No specific health warnings noted.

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 exposure may cause severe irritation.

Eye contact
Irritating to eyes.

SECTION 12: ECOLOGICAL INFORMATION

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

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l >1000

Acute Toxicity - Fish
 LC0 96 hours > 1000 mg/l
 EC 50, 48 Hrs, Daphnia, mg/l >500

Acute Toxicity Aquatic Invertebrates
EC0 > 500 mg/l Daphnia magna
POLYURETHANE RESIN UR5041B

Acute Toxicity - Aquatic Plants
EC0 72 hours 1640 mg/l Scenedesmus subspicatus

12.2. Persistence and degradability
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
This product does not contain any PBT or vPvB Substances.

12.6. Other adverse effects
No information required.

SECTION 13: DISPOSAL CONSIDERATIONS

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

13.1. Waste treatment 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 regulation on the transport of dangerous goods (IMDG, IATA, ADG).

Road Transport Notes
Not Classified

Sea Transport Notes
Not classified.

Air Transport Notes
Not classified.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport Labels
No transport warning sign required.

14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

UDF Phrase 1
Not classified for transportation

SECTION 15: REGULATORY INFORMATION

Poisons Schedule Number
NONE
POLYURETHANE RESIN UR5041B

National Regulations And References
National Model Regulations for the Control of Workplace Hazardous Substances.
National Code of Practice for the Control of Workplace Hazardous Substances.
National Code of Practice for the Labelling of Workplace Substances.
National Code of Practice for the Preparation of Material Safety Data Sheets.
Approved Criteria for Classifying Hazardous Substances.

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

Health And Environmental Listings
None of the ingredients are listed.
Authorisations (Title VII Regulation 1907/2006)
No specific authorisations are noted for this product.
Restrictions (Title VIII Regulation 1907/2006)
No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By Helen O'Reilly
Revision Date APRIL 2013
Revision 4
SDS No. 10875

Risk Phrases In Full
R20 Harmful by inhalation.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.
R40 Limited evidence of a carcinogenic effect.
R42/43 May cause sensitisation by inhalation and skin contact.

Hazard Statements In Full
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.

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.
SAFETY DATA SHEET
POLYURETHANE RESIN UR5041

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

1.1. Product identifier
Product name POLYURETHANE RESIN UR5041

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
Physical hazards Not classified.
Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335
Environmental hazards Not classified.

Classification (67/548/EEC or 1999/45/EC) Xi; R37/38, R41.

2.2. Label elements
Pictogram

Signal word Danger
Hazard statements H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
POLYURETHANE RESIN UR5041

Precautionary statements
P280 Wear protective gloves, eye and face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Contains
CALCIUM CARBONATE, ETHOEXADIOL

Supplementary precautionary statements
P261 Avoid breathing vapour/spray.
P264 Wash contaminated skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310 Immediately call a POISON CENTER or doctor/physician.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container to...

2.3. Other hazards
This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>Material</th>
<th>Concentration</th>
<th>CAS number</th>
<th>EC number</th>
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<tr>
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<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STOT SE 3 - H335</td>
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<table>
<thead>
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<th>EC number</th>
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</thead>
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</tr>
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<table>
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<th>REACH registration number</th>
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<td></td>
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<tr>
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<td></td>
<td></td>
<td>Xi;R36/37/38.</td>
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Classification (67/548/EEC or 1999/45/EC)

Xi;R36/37/38.
POLYURETHANE RESIN UR5041

<table>
<thead>
<tr>
<th>Pigment Black 7</th>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>1,3-BUTADIENE</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>CAS number: 106-99-0</td>
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</tr>
<tr>
<td>EC number: 203-450-8</td>
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<tr>
<td>Flam. Gas 1 - H220</td>
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<tr>
<td>Press. Gas</td>
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<tr>
<td>Muta. 1B - H340</td>
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<tr>
<td>Carc. 1A - H350</td>
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<tr>
<td>F+;R12 Carc. Cat. 1;R45 Muta. Cat. 2;R46</td>
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</tr>
</tbody>
</table>

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

| Composition comments | Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
Move affected person to fresh air at once. Get medical attention if any discomfort continues. Treat symptomatically.

Inhalation
Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately.

Ingestion
Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.

Skin Contact
Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact
Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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
Extinguish with the following media: Water spray, fog or mist. Foam. Powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards
Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Oxides of carbon. Oxides of nitrogen. No unusual fire or explosion hazards noted.

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

5.3. Advice for firefighters
### Protective actions during firefighting

No specific firefighting precautions known.

### 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**

Wear protective clothing as described in Section 8 of this safety data sheet.

#### 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**

Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers.

#### 6.4. Reference to other sections

**Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**

Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Persons susceptible to allergic reactions should not handle this product.

#### 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. Keep only in the original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

#### 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**

**AMORPHOUS SILICA**

Long-term exposure limit (8-hour TWA): 2 mg/m³ respirable dust

**Pigment Black 7**

Long-term exposure limit (8-hour TWA): 3 mg/m³

**1,3-BUTADIENE**

Long-term exposure limit (8-hour TWA): 10 ppm 22 mg/m³

**Ingredient comments**

No exposure limits known for ingredient(s).

**CHINA CLAY (CAS: 1332-58-7)**

**Ingredient comments**

OSHA PEL= 15 mg/m3 TOTAL DUST

#### 8.2. Exposure controls
POLYURETHANE RESIN UR5041

Protective equipment

Appropriate engineering controls
Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles. EN166

Hand protection
Wear protective gloves made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (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. Gloves should conform to EN374

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

Hygiene measures
Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Respiratory protection
Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. It is recommended to use respiratory equipment with combination filter, type A2/P2. EN14387. When spraying, wear a suitable supplied-air respirator.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Viscous liquid.

Colour
Black.

Odour
Aromatic.

Viscosity
@ °C

9.2. Other information

Other information
None.

SECTION 10: Stability and Reactivity

10.1. Reactivity
Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability
Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions
Not available. Will not polymerise.

10.4. Conditions to avoid
Conditions to avoid
Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products
Heating may generate the following products: Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours. Carbon dioxide (CO2). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects
No information available.

Other health effects
There is no evidence that the product can cause cancer.

Ingestion
May cause stomach pain or vomiting.

Skin Contact
Irritating to skin. May cause skin irritation/eczema.

Eye contact
Irritating to eyes.

Acute and chronic health hazards
No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

SECTION 12: Ecological Information

Ecotoxicity
Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability
There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative Potential
No data available on bioaccumulation.

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

SECTION 14: Transport information

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

Road transport notes
Not classified.

Rail transport notes
Not classified.
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Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport labels

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

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

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

Guidance

Authorisations (Title VII Regulation 1907/2006) No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006) 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

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Revision 5

SDS No. 10874

Risk phrases in full R36/37/38 Irritating to eyes, respiratory system and skin.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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Hazard statements in full

H220 Extremely flammable gas.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H340 May cause genetic defects.
H350 May cause cancer.

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.