SAFETY DATA SHEET
POLYURETHANE RESIN UR5041

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME
POLYURETHANE RESIN UR5041

PRODUCT NO.
UR5041A
EUR5041A
EUR5041AB200K
EUR5041AB5K
EUR5041K1K
EUR5041K20K
EUR5041K25K
EUR5041K5K
EUR5041RP250G
EUR5041RP250GE
ZE

APPLICATION
Resin

SUPPLIER
ELECTROLUBE. A division of
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2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes.
CLASSIFICATION (1999/45) Xi;R41.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content %</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHOEXADIOL</td>
<td>202-377-9</td>
<td>94-96-2</td>
<td>10-30%</td>
<td>Xi;R41</td>
</tr>
<tr>
<td>Thiodiethylene bis(3-(3,5-diterti-butyl-4-hydroxyphenyl)propionate)</td>
<td>255-392-8</td>
<td>41484-35-9</td>
<td>&lt;0.5%</td>
<td>N;R51/53</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases is Displayed in Section 16

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN
Treat symptomatically

INHALATION
Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

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. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
POLYURETHANE RESIN UR5041

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. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Fire can be extinguished using: Water spray, fog or mist. Foam. Powder.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS
Ventilate well. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Persons susceptible to allergic reactions should not handle this product.

STORAGE PRECAUTIONS
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

HAND PROTECTION
Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION
Wear approved safety goggles.

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

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Viscous

COLOUR
Black

ODOUR
Aromatic.

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

CONDITIONS TO AVOID
Avoid heat, flames and other sources of ignition.
POLYURETHANE RESIN UR5041

MATERIALS TO AVOID
No incompatible groups noted.

HAZARDOUS DECOMPOSITION PRODUCTS
High temperatures generate: Irritating gases/vapours/fumes of: Carbon dioxide (CO2). Carbon monoxide (CO).

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION
No information available.

INGESTION
May cause stomach pain or vomiting.

SKIN CONTACT
Irritating to skin. May cause skin irritation/eczema.

EYE CONTACT
Irritating to eyes.

HEALTH WARNINGS
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.

OTHER HEALTH EFFECTS
This substance has no evidence of carcinogenic properties.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

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

ROAD TRANSPORT NOTES
Not Classified

RAIL TRANSPORT NOTES
Not classified.

SEA TRANSPORT NOTES
Not classified.

AIR TRANSPORT NOTES
Not classified.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT
No.

ADR CLASS
Not classified for transportation.

15 REGULATORY INFORMATION

LABELLING

RISK PHRASES
R41 Risk of serious damage to eyes.

SAFETY PHRASES
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
UK REGULATORY REFERENCES

ENVIRONMENTAL LISTING

EU DIRECTIVES

APPROVED CODE OF PRACTICE
Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES
Workplace Exposure Limits EH40.

16 OTHER INFORMATION

ISSUED BY
Helen O'Reilly

REVISION DATE
NOVEMBER 2010

REV. NO./REPL. SDS
2

GENERATED

SDS NO.
10874

RISK PHRASES IN FULL
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.