

# SAFETY DATA SHEET

## POLYURETHANE RESIN UR5097A

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

**PRODUCT NAME:** POLYURETHANE RESIN UR5097A

**PART No.:** EUR5097A

**SUPPLIER:** H K WENTWORTH PTY LIMITED  
P.O. BOX 339  
BROOKVALE, NSW 2100  
AUSTRALIA  
Tel: 02 9938 1566  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
DI-sec-OCTYL PHTHALATE	204-211-0	T R-60, 61 Rep2	1-5 %
Thiodiethylene bis(3-(3,5-diterti-butyl-4-hydroxyphenyl)propionate	255-392-8	N R-51/53	0-1 %

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

### 3. HAZARDS IDENTIFICATION:

May impair fertility. May cause harm to the unborn child. Toxic to Reproductive Health Category 2.

HAZARDOUS SUBSTANCE: NON DANGEROUS GOODS.

### 4. FIRST AID MEASURES:

**GENERAL:** Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**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:** 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.

**EYES:** 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 CLEANUP 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 for allergic reactions should not handle this product.

**STORAGE PRECAUTIONS:** Keep in cool, dry, ventilated storage and closed containers. Keep in original container. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

<b>INGREDIENT NAME:</b>	<b>CAS No.:</b>	<b>STD</b>	<b>LT EXP 8 Hrs</b>	<b>ST EXP 15 Min</b>
DI-sec-OCTYL PHTHALATE	117-81-7	OES	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** Provide adequate general and local exhaust ventilation.

**RESPIRATORS:** No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

**PROTECTIVE GLOVES:** Use protective gloves.

**EYE PROTECTION:** Wear approved safety goggles.

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

**HYGIENIC WORK PRACTICES:** 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. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE:** Viscous.

**COLOUR:** Black.

**ODOUR/TASTE:** Aromatic.

**BOILING POINT (°C, interval):** >300

**Pressure:**

**DENSITY/SPECIFIC GRAVITY (g/ml):** 1.54

**Temperature (°C):** 20

**BULK DENSITY:** 1540 kg/m<sup>3</sup>

**VISCOSITY (interval):** 300 mPas

**Temperature (°C):** 25

**FLASH POINT (°C):** >200

**Method:** CC (Closed cup).

## 10. STABILITY AND REACTIVITY:

<b>STABILITY:</b>	Normally stable.
<b>CONDITIONS TO AVOID:</b>	Avoid heat, flames and other sources of ignition.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	High temperatures generate: Irritating gases/vapours/fumes of: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).

## 11. TOXICOLOGICAL INFORMATION:

<b>HEALTH HAZARDS, GENERAL:</b>	Possible reproductive impact.
<b>INHALATION:</b>	May cause irritation to the respiratory system.
<b>INGESTION:</b>	May cause stomach pain or vomiting.
<b>SKIN:</b>	Irritating to skin. May cause skin irritation/eczema
<b>EYES:</b>	Irritating to eyes.
<b>HEALTH WARNINGS:</b>	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. Suspected to increase risk of damages in the unborn child.
<b>OTHER HEALTH EFFECTS:</b>	This substance has no evidence of carcinogenic properties. Toxic to Reproductive Health Categ. 2.

## 12. ECOLOGICAL INFORMATION:

<b>ECOLOGICAL INFORMATION:</b>	Not regarded as dangerous for the environment.
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## 13. DISPOSAL CONSIDERATIONS:

<b>DISPOSAL METHODS:</b>	Dispose of in accordance with Local Authority requirements.
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## 14. TRANSPORT INFORMATION:

<b>ADR CLASS:</b>	Not classified for transportation.
<b>MARINE POLLUTANT:</b>	No.

## 15. REGULATORY INFORMATION:

**LABEL FOR SUPPLY:**



<b>RISK PHRASES:</b>	R-60 May impair fertility. R-61 May cause harm to the unborn child.
<b>SAFETY PHRASES:</b>	P-11 Restricted to professional users. S-38 In case of insufficient ventilation, wear suitable respiratory equipment. S-45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S-53 Avoid exposure - obtain special instructions before use. S-60 This material and its container must be disposed of as hazardous waste.
<b>UK REGULATORY REFERENCES:</b>	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972. Fire precautions Act 1971. Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988.
<b>ENVIRONMENTAL LISTING:</b>	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980. Control of Pollution Act 1974.
<b>EU DIRECTIVES:</b>	System of specific information relating to Dangerous Preparations. 91\155. Dangerous Substance Directive 67\548. Dangerous Preparations Directive 88\379.
<b>STATUTORY INSTRUMENTS:</b>	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations L62.
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION:

<b>USER NOTES:</b>	CN No 39073000
<b>REVISION COMMENTS:</b>	Revised in accordance with CHIP3 and EU Directive 1999/45/EC
<b>ISSUED BY:</b>	Helen O'Reilly
<b>REVISION DATE:</b>	MAY 2003
<b>REV. No./REPL. SDS GENERATED:</b>	0
<b>SDS No.:</b>	10488
<b>DISCLAIMER:</b>	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 unless specified in the text. The information contained in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification
<b>R-PHRASES (Full Text):</b>	R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-60 May impair fertility. R-61 May cause harm to the unborn child.