

# SAFETY DATA SHEET

## THERMALLY CONDUCTIVE EPOXY - WHITE

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

**PRODUCT NAME:** THERMALLY CONDUCTIVE EPOXY - WHITE

**PART No.:** EER2206B

**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			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
TRIMETHYLHEXAMETHYLENE DIAMINE 25620-58-0		C R-22, 34, 43	10-30 %
Tetradecylamine 61788-46-3		C R-35	10-30 %
ISOPHORONEDIAMINE 2855-13-2	220-666-8	C R-21/22, 34, 43, 52/53	30-60 %
Salicylic acid 69-72-7	200-712-3	Xn R-22, 36	1-5 %
NONYLPHENOL 25154-52-3	246-672-0	C ,N R-22, 34, 50/53	10-30 %

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

### 3. HAZARDS IDENTIFICATION:

Harmful in contact with skin and if swallowed. Causes severe burns. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

HAZARDOUS SUBSTANCE: DANGEROUS GOODS

### 4. FIRST AID MEASURES:

**INHALATION:** Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.

**INGESTION:** DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

**SKIN:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

**EYES:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

## 5. FIRE FIGHTING MEASURES:

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:** Fire creates: Toxic gases/vapors/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 6. ACCIDENTAL RELEASE MEASURES:

**SPILL CLEANUP METHODS:** DO NOT touch spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

## 7. HANDLING AND STORAGE:

**USAGE PRECAUTIONS:** Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS:** Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

**STORAGE CRITERIA:** Corrosive storage.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

### PROTECTIVE EQUIPMENT:



**VENTILATION:** Must not be handled in confined space without sufficient ventilation.

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

**PROTECTIVE GLOVES:** Protective gloves should be used if there is a risk of direct contact or splash.

**EYE PROTECTION:** Wear full face visor or shield.

**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. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE:** Liquid.

<b>ODOUR/TASTE:</b>	Characteristic.		
<b>BOILING POINT (°C, interval):</b>	247	<b>Pressure:</b>	
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	0.930	<b>Temperature (°C):</b>	20
<b>VISCOSITY (interval):</b>	0.25 mPas	<b>Temperature (°C):</b>	20

## 10. STABILITY AND REACTIVITY:

<b>STABILITY:</b>	Normally stable.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

## 11. TOXICOLOGICAL INFORMATION:

<b>INHALATION:</b>	Harmful by inhalation. Irritating to respiratory system.
<b>INGESTION:</b>	Harmful if swallowed.
<b>SKIN:</b>	Causes burns. May cause sensitisation by skin contact.
<b>EYES:</b>	Spray and vapour in the eyes may cause irritation and smarting.
<b>HEALTH WARNINGS:</b>	Prolonged inhalation of high concentrations may damage respiratory system.

## 12. ECOLOGICAL INFORMATION:

## 13. DISPOSAL CONSIDERATIONS:

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

### LABEL FOR CONVEYANCE:



<b>UN No. ROAD:</b>	1760
<b>UK ROAD TRANSPORT CLASS:</b>	8
<b>UK ROAD PACK GR.:</b>	II
<b>ADR CLASS No.:</b>	8
<b>ADR CLASS:</b>	Class 8: Corrosive substances.
<b>ADR ITEM No.:</b>	II
<b>ADR MARGINAL:</b>	2801

<b>ADR LABEL No.:</b>	8
<b>HAZCHEM CODE:</b>	2X
<b>CEFIC TEC(R) No.:</b>	80GC9-II+III
<b>PROPER SHIPPING NAME I:</b>	CORROSIVE LIQUID, N.O.S. (ISOPHORONEDIAMINE, NONYLPHENOL)
<b>RID CLASS No.:</b>	8
<b>RID ITEM No.:</b>	II
<b>UN No. SEA:</b>	1760
<b>IMDG CLASS:</b>	8
<b>IMDG PAGE No.:</b>	8109-2 (UK)
<b>IMDG PACK GR.:</b>	II
<b>EmS No.:</b>	F-A; S-B
<b>MFAG TABLE No.:</b>	See Guide
<b>MARINE POLLUTANT:</b>	No.
<b>UN No., AIR:</b>	1760
<b>ICAO CLASS:</b>	8
<b>AIR PACK GR.:</b>	II

## 15. REGULATORY INFORMATION:

### LABEL FOR SUPPLY:



<b>RISK PHRASES:</b>	R-21/22 Harmful in contact with skin and if swallowed. R-35 Causes severe burns. R-43 May cause sensitisation by skin contact. R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>SAFETY PHRASES:</b>	S-24/25 Avoid contact with skin and eyes. S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S-45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
<b>STATUTORY INSTRUMENTS:</b>	Chemicals (Hazard Information and Packaging) Regulations.
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<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

**REVISION DATE:** MAY 2003

**REV. No./REPL. SDS GENERATED:** 0

**SDS No.:** 10651

**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 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

**R-PHRASES (Full Text):** R-22 Harmful if swallowed. R-34 Causes burns. R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-43 May cause sensitisation by skin contact. R-35 Causes severe burns. R-21/22 Harmful in contact with skin and if swallowed. R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-36 Irritating to eyes.