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**LUXAPOOL®**

(PART B – HARDENER COMPONENT)

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# MATERIAL SAFETY DATA SHEET

## STATEMENT OF HAZARDOUS NATURE:

**Hazardous according to criteria of Worksafe Australia**

### SECTION 1 - COMPANY AND MATERIAL SPECIFICATION

**MANUFACTURER /AGENTS NAME:** MONOTEK Pty Ltd ABN 54 679 277 840

**ADDRESS:** 2 / 25 Jersey Road, Bayswater. Victoria

**TELEPHONE No:** (03) 9720 8777

**TRADE NAME:** LUXAPOOL (PACK B – CONVERTOR / HARDENER (Summer or Winter)

**USES:** CATALYST COMPONENT– protective coating for wet environments, food production, swimming pools, ponds & fountains.

### SECTION 2 - INGREDIENTS

<b>TECHNICAL NAME:</b>	<b>(CAS No.)</b>	<b>% BY WT.</b>
ISOPHORONEDIAMINE	2855-13-2	10 - 30%
DETERMINED TO BE NON-HAZARDOUS		
BENZYL ALCOHOL	100-51-6	30 - 60%
LIQUID EPOXY RESIN	25068-38-6	5 – 15%
ETHANOL	64-17-5	1 – 10%
NONYLPHENOL	25154-52-3	0.5% - 5%
2, 4, 6-TRIS (DIMETHYLAMIN OMETHYL) PHENOL	90-72-2	0 – 5%
M-XYLENE A, a'-MIAMINE	1477-55-0	0.5 – 5%
PINE EXTRACT	94266-48-5	0.1 – 2%

### SECTION 3 - HAZARD IDENTIFICATION

#### **GHS CLASSIFICATION OF THE SUBSTANCE / MIXTURE:**

HAZARDOUS TO THE AQUATIC ENVIRONMENT – LONG TERM HAZARD: CATEGORY 2

FLAMMABLE LIQUIDS: CATEGORY 3 SKIN CORROSION / IRRITATION: CATEGORY 1B

SENSITIZATION – SKIN: CATEGORY 1

**SIGNAL WORDS:** DANGER

**HAZARDOUS STATEMENT:** HARMFUL IF SWALLOWED. HARMFUL IF CONTACT WITH SKIN. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE AN ALLERGIC SKIN REACTION. HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS. FLAMMABLE LIQUID AND VAPOUR.

#### **PRECAUTIONARY STATEMENT – PREVENTION:**

KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES / HOT SURFACES. – NO SMOKING.

KEEP CONTAINER TIGHTLY CLOSED. USE EXPLOSIVE PROOF

ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT. DO NOT BREATHE DUST / FUME / GAS / MIST / VAPOURS / SPRAY. WASH EXPOSED AREAS THOROUGHLY AFTER HANDLING. USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA. WEAR PROTECTIVE GLOVES / CLOTHING / EYE PROTECTION / FACE PROTECTION.

#### **PRECAUTIONARY STATEMENT – RESPONSE:**

IF SWALLED: RINSE MOUTH. DO NOT INDUCE VOMITING. IF ON SKIN (OR HAIR): REMOVE / TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER / SHOWER.

IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO SO. CONTINUE RINSING.

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### SECTION 4 - PHYSICAL PROPERTIES

**SPECIFIC GRAVITY (WATER =1):** 0.95 - 1.02      **PH:** 11 approx.  
**SOLUBILITY IN WATER:** SLIGHTLY MISCIBLE  
**APPEARANCE AND ODOUR:** CLEAR, AMBER COLOURED LIQUID, PAINT (AMINE) ODOUR

### SECTION 5 - FLAMMABILITY & EXPLOSIVE PROPERTIES / FIRE FIGHTING MEASURES

**FLASHPOINT:** . 54° C (PENSKEY-MARTENS)    **BOILING POINT / MELTING POINT :** NOT DETERMINED  
**AUTO-IGNITION TEMPERATURE:** NOT DETERMINED  
**FLAMMABLE LIMITS – LOWER:** NOT DETERMINED  
**FLAMMABLE LIMITS – UPPER:** NOT DETERMINED  
**EXTINGUISHING MEDIA:** DRY CHEMICAL, CARBON DIOXIDE, FOAM  
**SPECIAL FIRE FIGHTING REQUIREMENTS:** BLANKET FLAMES WITH ONE OF THE ABOVE MEDIA

### SECTION 6 - HEALTH HAZARD DATA / TOXICOLOGICAL INFORMATION

**EFFECTS OF OVER EXPOSURE:** (100 ppm - 8 HOUR TIME WEIGHTED AVERAGE)  
**VAPOUR:** IRRITATING TO THE EYES AND MUCOUS MAMBRANES. CAN CAUSE SLIGHT HEADACHE, DIZZINESS AND NAUSEA. ASPIRATION OF LIQUID INTO LUNGS CAN CAUSE SERIOUS (EVEN FATAL) PNEUMONITIS.  
**CONTACT:** CAN CAUSE SKIN IRRITATION AND REPEATED CONTACT MAY CAUSE MILD DERMATITUS IN SENSITIVE PERSONS.  
**SWALLOWED:** MAY CAUSE IRRITATION TO THE MOUTH, THROAT AND DIGESTIVE TRACT. CAN CAUSE NAUSEA, VOMITING, DIARRHOEA & ABDOMINAL PAIN. LARGE DOSE MAY CAUSE DROWSINESS AND MAY LEAD TO UNCONCIOUSNESS.  
**EMERGENCY & FIRST AID PROCEDURES:**  
**VAPOUR:** PROVIDE FRESH AIR. IF BREATHING IS LABOURED. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. SEEK MEDICAL ADVICE.  
**CONTACT:** FOR SKIN - REMOVE FROM SKIN WITH SUITABLE SOLVENT BASED HANDCLEANER, FOLLOWED BY A THOROUGH WASHING WITH A MILD SOAP AND FRESH WATER.  
 FOR EYES – CORROSIVE, SEVERE IRRITANT/ FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES & SEEK MEDICAL ADVICE. REMOVE ANY CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE.  
**SWALLOWED:** CORROSIVE - IF POISONING OCCURS, CONTACT DOCTOR OR POISONS INFORMATION CENTER. IF SWALLOWED **DO NOT** INDUCE VOMITING. GIVE A GLASS OF WATER. IF ANY SUSPICION OF ASPIRATION (EG. DURING VOMITING) OBTAIN MEDICAL ADVICE IMMEDIATELY.

**PROTECTION FOR FIRST AIDERS:** AVOID RISKING YOUR OWN HEALTH AND THAT OF OTHERS THROUGH ADHERENCE TO SAFE PROCEDURES IN ALL TREATMENT SITUATIONS. USE PROTECTIVE EQUIPMENT SUCH AS LATEX GLOVES AND MOUTH PROTECTION.

**ADVICE TO DOCTOR:** TREAT SYMPTOMATICALLY.



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Product Name: LUXAPOL® Finish Hardener / Part B

Issued: 12/08/2024

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This MSDS summarises, to our best knowledge at the date of issue, the health and safety hazards of the product and provides general guidance on how to safely handle it in the workplace. Since MONOTEK Pty Ltd cannot anticipate all the conditions and situations under which the product may be used, each user must, prior to use, assess and control the risks arising from the use of the product.

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## SECTION 7 - TRANSPORTATION INFORMATION / HAZARDOUS CLASSIFICATION

**U.N. NUMBER:** 2924                      **HAZARD CLASS:** 3                      **SUB-RISK:** 8  
**HAZCHEM CODE:** 3W                      **PACKING GROUP:** III                      **EPG NUMBER:** 3A4  
**IERG NUMBER:** 18                      **IMO MARINE POLLUTANT:** Product is a Marine Pollutant  
**IMDG UN No:** 1263                      **IMO PROPER SHIPPING NAME:** Paint  
**IMDG HAZARD CLASS:** 3                      **IMDG SUB-RISK:** 8                      **IMDG PACK. GROUP:** III  
**IMDG EMS:** F-E S-C                      **POISONS SCHEDULE:** S5

**U.N. PROPER SHIPPING NAME:**  
 FLAMMABLE LIQUID, CORROSIVE, N.O.S. – (ETHANOL, ISOPHORONE DIAMINE)

**IMDG DESCRIPTION:**  
 FLAMMABLE LIQUID, CORROSIVE, N.O.S. – (ETHANOL, ISOPHORONE DIAMINE)

### RELEVANT PICTOGRAMS:



## SECTION 8 - REACTIVITY DATA / ECOLOGICAL INFORMATION

**STABILITY:** Unstable ( ) Stable (X)  
**CONDITIONS TO AVOID:** OPEN FLAME, ARC OR SPARKS  
**HAZARDOUS DECOMPOSITION PRODUCTS:** CARBON MONOXIDE & DIOXIDE  
**ECOTOXICITY:** HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.  
**ENVIRONMENTAL PROTECTION:** AVOID RELEASE TO THE ENVIRONMENT

## SECTION 9 - STORAGE/TRANSPORT, SPILL & LEAKAGE CLEAN-UP PROCEDURE

### STORAGE & TRANSPORT:

AVOID CONTACT WITH THE FOLLOWING INCOMPATIBLE SUBSTANCES FOR BOTH STORAGE & TRANSPORT - DG. CLASS: 1 (EXPLOSIVES) CLASS 2.3(POISONOUS GAS) CLASS 4.2 (SPONTANEOUSLY COMBUSTIBLE) CLASS 5.1 (OXIDISING AGENT) CLASS 7 (RADIOACTIVE) OR OTHER FIRE RISK SUBSTANCES.

STORE IN A COOL, WELL VENTILATED AREA AWAY FROM HEAT AND IGNITION SOURCES. DO NOT STORE IN LOW OR ENCLOSED AREAS WHERE VAPOUR CAN BECOME TRAPPED. CONTAINERS SHOULD BE ALWAYS KEPT CLOSED IN STORAGE AND PROPERLY LABELLED. STORE ONLY IN ORIGINAL AND APPROVED CONTAINERS.

### STEPS TO TAKE IN CASE MATERIAL RELEASED OR SPILLED:

ELIMINATE ALL SOURCES OF IGNITION. USE ABSORBENT CLEAN UP MATERIALS ( SOIL, VERMICULITE, SAND & OTHER INERT MATERIALS. PREVENT CONTAMINATION OF DRAINS & WATERWAYS.

### WASTE DISPOSAL PROCEDURES:

IN SEPARATE CLOSED METAL CONTAINERS IN ACCORDANCE WITH LOCAL REGULATIONS.



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### SECTION 10 - SPECIAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

#### RESPIRATORY EQUIPMENT -

**SPRAY APPLICATION:** FILTER MASK - IN CONFINED AREAS, TANKS OR AREAS

OF POOR AIR CIRCULATION USE AIRLINE OR HOOD TYPE RESPIRATOR. (Qualified applicators only)

**BRUSH & ROLLER:** NOT REQUIRED

**VENTILATION REQUIREMENTS:** LOCAL EXHAUST

**PROTECTIVE GLOVES:** NEOPRENE / RUBBER / PVC

**EYE PROTECTION:** GOGGLES

**BODY PROTECTION:** OVERALLS OR SIMILAR PROTECTIVE APPAREL

#### OTHER PROTECTIVE EQUIPMENT:

IN CONFINED AREAS, TANKS OR STAGNANT AIR CONDITIONS, USE EXPLOSION OR SPARK PROOF EQUIPMENT, INCLUDING NON SPARKING TOOLS AND SHOES.

**HYGIENE MEASURES:** WASH HANDS AND FACE BEFORE SMOKING, EATING, DRINKING OR USING THE TOILET

#### OCCUPATIONAL EXPOSURE LIMIT VALUES:

	STEL		TWA		FOOTNOTE: N/A
	MG/M <sup>3</sup>	PPM	MG/M <sup>3</sup>	PPM	
<b>ETHANOL:</b>	N/A	N/A	1880	1000	
<b>M-XYLENE:</b>	N/A	N/A	0.1	N/A	
<b>A, a-DIAMINE</b>	FOOTNOTE: PEAK LIMITATION				

#### OTHER EXPOSURE INFORMATION:

TIME WEIGHTED AVERAGE (TWA) IS THE AVERAGE CONCENTRATION OF THE WORK ATMOSPHERE OVER A NORMAL 8-HOUR WORK DAY AND A 40-HOUR WORK WEEK. NEARLY ALL WORKERS MAY BE REPEATEDLY EXPOSED TO THIS LEVEL, DAY AFTER DAY, WITHOUT ADVERSE EFFECT.

STEL (SHORT TERM EXPOSURE LIMIT) IS THE AVERAGE AIRBORNE CONCENTRATION OVER A 15 MINUTE PERIOD WHICH SHOULD NOT BE EXCEEDED AT ANY TIME DURING A NORMAL 8 HOUR WORK DAY.

EXPOSURES AT THE STEL SHOULD NOT BE LONGER THAN 15 MINUTES AND SHOULD NOT BE REPEATED MORE THAN FOUR TIMES PER DAY. THERE SHOULD BE AT LEAST 60 MINUTES BETWEEN SUCCESSIVE EXPOSURES AT STEL.

WHERE A STEL IS NOT STATED, SHORT TERM EXPOSURES SHOULD NOT EXCEED THREE TIMES THE TWA FOR MORE THAN A TOTAL OF 30 MINUTES PER 8 HOUR WORKING DAY AND THE STEL SHOULD NEVER EXCEED FIVE TIMES THE TWA.

REFERENCE: [NOHSC:3008 (1995)], [NOHSC:1003 (1995)]

**APPROPRIATE ENGINEERING CONTROLS:** USE IN WELL VENTILATED AREA – KEEP CONTAINERS CLOSED WHEN NOT IN USE. EXHAUST VENTILATION MAY BE REQUIRED FOR POORLY VENTILATED WORK AREAS OR IF PRODUCT IS HEATED (REFER AS1668)



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## SECTION 11 - SPECIAL PRECAUTIONS / STABILITY & REACTIVITY

### HANDLING & STORAGE PRECAUTIONS:

KEEP CONTAINERS CLOSED. DON'T STORE NEAR HEAT OR OPEN FLAME

**OTHER:** AVOID PROLONGED BREATHING OF VAPOUR AND CONTACT WITH SKIN.

**CONDITIONS TO AVOID:** TAKE PRECAUTIONS TO AVOID STATIC ELECTRICITY DISCHARGE

**INCOMPATIBLE MATERIALS:** STRONG ACIDS, STRONG BASES, STRONG OXIDISING AGENTS

**HAZARDOUS DECOMPOSITION:** OXIDES OF CARBON AND NITROGEN. BURNING PRODUCES NOXIOUS AND TOXIC FUMES AND SMOKE

## SECTION 12 - REFERENCES

HB 76	DANGEROUS GOODS - INITIAL EMERGENCY RESPONSE GUIDE
AS 1020	THE CONTROL OF UNDESIRABLE STATIC ELECTRICITY.
AS 1076	CODE OF PRACTICE FOR SELECTION, INSTALLATION AND MAINTENANCE OF ELECTRICAL APPARATUS AND ASSOCIATED EQUIPMENT FOR USE IN EXPLOSIVE ATMOSPHERES (OTHER THAN MINING APPLICATIONS)
AS/NZS 1336	RECOMMENDED PRACTICES FOR OCCUPATIONAL EYE PROTECTION.
AS/NZS 1715	SELECTION, USE AND MAINTENANCE OF RESPIRATORY PROTECTIVE EQUIPMENT.
AS/NZS 1716	RESPIRATORY PROTECTIVE DEVICES.
AS 1940	THE STORAGE AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS.
AS 2161.1	OCCUPATIONAL PROTECTIVE GLOVES - SELECTION, USE AND MAINTENANCE.
AS 2380	ELECTRICAL EQUIPMENT FOR EXPLOSIVE ATMOSPHERES - EXPLOSION PROTECTION TECHNIQUES.
AS3000	ELECTRICAL INSTALLATIONS (KNOWN AS THE AUSTRALIAN/ NEW ZEALAND WIRING RULES).
AS 3780	THE STORAGE AND HANDLING OF CORROSIVE SUBSTANCES

**TECHNICAL CONTACT NUMBER:** 03 9720 8777



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