

 **MATERIAL SAFETY DATA SHEET****NUVO AUSTRALIA PTY LTD**

(ACN 089 731 617)

324/ 23 MILTON PARADE**MALVERN VIC 3144 AUSTRALIA****PHONE: (03) 9822 2209****FAX: (03) 9822 2109****EMERGENCY No. 0419 341 095 any time****http://www.nuvo.com.au****PRODUCT: NEXCOAT 795****PRODUCT NAMES: NEXCOAT 795****OTHER NAMES:****UN NUMBER:****HAZCHEM CODE:****PACKAGING GROUP:****USES:** A raw material for manufacturing of resins and surface coatings**DANGEROUS GOODS:****CLASS & SUB RISK:****POISONS SCHEDULE:** Not applicable**STATEMENT OF HAZARDOUS NATURE:**

Not classified as hazardous according to criteria of Worksafe Australia

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE/ODOUR	:	colourless to light yellow liquid
BOILING POINT (°C)	:	254°C
MELTING POINT(°C)	:	-50°C
FLASH POINT(°C)	:	120°C
DENSITY	:	947 kg/m ³ (20°C)
FREEZE POINT	:	
VAPOUR PRESSURE	:	0.13 kPa at 87°C, 0.1 kPa at 60°C
RELATIVE VAPOUR DENSITY :		
VISCOSITY	:	
SOLUBILITY IN WATER	:	max 0.1 weight % at 20°C
IGNITION TEMPERATURE	:	393°C
Coefficient n-octanol/water	:	log Paw: 3.54; 2.9 (calc.)

INGREDIENTS:

CHEMICAL ENTITY	CAS No.	PROPORTION
2,2,4-Trimethyl-1,3-Pentanediol-Monoisobutyrate	25265-77-4	99%

1. HEALTH HAZARD INFORMATION**Health Effects:****Acute:****Swallowed**

Ingestion may cause vomiting, nausea and diarrhoea.

Eyes

Severe eye irritant.

Skin

Irritating to skin.

Inhaled

At elevated concentration: inhalation of vapour or fumes can cause severe breathing difficulties.

Chronic:

Effects are not known.

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Rinse mouth. Give 500ml water to drink. Never induce vomiting and never administer anything by mouth to an unconscious person. Seek medical attention.

Eyes

Immediately flush with water. Seek immediate medical attention.

Skin

Take off contaminated clothing. Wash with soap and water.

Inhaled

Remove victim to fresh air. Allow the victim to rest.

Advice to doctor**3. PRECAUTIONS FOR USE****Exposure standards**

OEL – TWA: 100 ppm (400mg/m³)

Engineering controls

Use with adequate local exhaust ventilation.

Personal protection

Protective goggles

Protective gloves

Personal protection comments

Avoid inhaling aerosols and vapours. Avoid contact with eyes and skin. Keep away from food and drink stuffs. Employ good hygiene practices when using. Wash hands thoroughly after handling. A safety shower and eyewash fountain should be available in all work areas.

Flammability

Not flammable under normal conditions of use.

4. SAFE HANDLING INFORMATION**Storage conditions**

Store in closed containers in a dry and cool place away from sources of heat. Maintain adequate ventilation and, if necessary, exhaust ventilation when handling or transferring the product. Avoid strong oxidising agents.

Spills & disposal

Absorb the spilled material with sand or soil. Collect in a closed container (e.g. steel or polyethylene) and remove to a safe place. Do not allow the material to enter surface water drains. Contact local authorities for regulations on disposal.

Fire/Explosion Hazard

In case of fire use CO₂, dry chemical, or water spray. Wear respiratory protection equipment.

If exposed to fire, keep containers cool by spraying with water.

Exothermic reactions with strong oxidising agents.

5. OTHER INFORMATION**Toxicological Information:**

Acute toxicity: LD50 oral rat: 3200 mg/kg
LC50 inhal. rat: 1600-3200 mg/kg
LD50 dermal guinea pig >16 ml/kg

Irritation: Primary skin irritation, rabbit: Not irritating
Primary eye irritation, rabbit: Not irritating

Sensitisation: Not a skin sensitiser (guinea pig, Magnusson-Kligman).

Mutagenicity: Not mutagenic.

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Acute toxicity:	Fish (<i>Oncorhynchus mykiss</i>)	LC50, 96h: > 19 mg/l
	<i>Daphnia magna</i>	EC50, 48h: > 19 mg/l
	<i>Chaetogammarus Marinus</i>	EC50, 96h: 40 mg/l (15°C)
	Algae	EC50, 72h: 15 mg/l

Harmful to aquatic organisms.

Bioaccumulation: Log Paw: 3.5 (measured)
Potential for bioaccumulation

Reference:
Neste Chemicals Safety Data Sheet (December 1999)

CONTACT POINT: Emergency response No. 0419 341 095 (all hours)

DISCLAIMER: The information given in this data sheet is based on data supplied by the manufacturer and is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and it is the user's responsibility to satisfy themselves that they are suitable and complete for this particular purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.