

MATERIAL SAFETY DATA SHEET

SCUBAPOX 3725 FIBRE-REINFORCED, FAST-CURE UNDERWATER ADHESIVE NATIONAL MAINTENANCE PRODUCTS Pty Ltd

STATEMENT OF HAZARDOUS NATURE

Considered toxic according to criteria of Worksafe Australia. Not considered hazardous if used as per instructions.
DOES NOT CONTAIN CARCINOGENS

COMPANY DETAILS

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IDENTIFICATION

Product Name: **SCUBAPOX 3725** (Base and Cure). UN Number: None Allocated
Other Names: None. Dangerous Goods Class & Subsidiary Risk: None Allocated
Manufacturers Product Code: **SCUBAPOX 3725**. Hazchem Code: None Allocated
Pack Size: 4 or 8L Kit. Poisons Schedule Number: S5

PHYSICAL DESCRIPTION/PROPERTIES:

BASE:

Appearance: Highly viscous, white epoxy paste with slight characteristic epoxy odour.
Packaging: Packaged in it's own 5L (4L kit) or 10L (8L kit) plastic container with press fit lid.
Boiling Point: Not applicable. Flashpoint: >150°C.
Melting Point: Not applicable. Freezing Point: Not applicable.
Vapour Density: Not applicable. Flammability Limits: Not applicable.
Solubility in Water: Negligible. Specific Gravity: 1.38.
Density @ 20°C: 1.38kg/L. Auto ignition Temp: Not applicable.

CURE:

Appearance: Black viscous paste with strong mercaptan odour.
Packaging: Packaged in it's own 2L (4L kit) or 10L (8L kit) plastic container with press fit lid.
Boiling Point: Not applicable. Flashpoint: >200°C.
Melting Point: Not applicable. Freezing Point: Not applicable.
Vapour Density: Not applicable. Flammability Limits: Not applicable.
Solubility in Water: Negligible. Specific Gravity: 1.33.

OTHER PROPERTIES:

Curing Time: Touch dry 5mins @ 25°C. Hard 10mins @ 25°C. Time will double for a 10°C decrease, and half for a 10°C increase.
Storage Life: Minimum 24 months.
Spread Rate: As required.
Pot Life: Approx 4mins @ 25°C.
Minimum Cure Temperature: 5°C.
VOC: Base: Zero. Cure: Zero.

INGREDIENTS:

BASE:

| INGREDIENT | CAS NUMBER | PROPORTION % |
|--|------------|--------------|
| Epoxy resin liquid polymer | 25068-38-6 | 40 – 70 |
| The remaining products are trade secrets | | to 100 |

CURE:

| INGREDIENT | CAS NUMBER | PROPORTION % |
|--|------------|--------------|
| Mercaptan polymer | 72244-98-5 | 50 – 90 |
| The remaining products are trade secrets | | to 100 |

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

BASE:
RISK PHRASES (of product in liquid form):
R36/38 – Irritating to eyes and skin.
R43 – May cause sensitisation by skin contact.
Toxicity – Slightly toxic.
Dot. Corrosivity – Not corrosive.

Date of Issue: Jun 08

SAFETY PHRASES (of product in liquid form):

S24/S25 – Avoid contact with skin and eyes.
 S28 – After contact with skin, wash immediately with plenty of soap-suds.
 S37/39 – Wear suitable gloves and eye/face protection.
 S61 – Avoid release to the environment.

First Aid Recommendations:

Skin and Eye Contact – Immediately flush eyes with fresh water holding lids apart for 15 minutes, washing within one minute is essential to achieve maximum effectiveness. Remove from skin using soap and water. Remove contaminated shoes and clothing. Call a physician.
 Ingestion – Do not induce vomiting. Prevent aspiration (breathing) liquid into lungs. Get medical attention.
 Inhalation – Immediately move to fresh air. If breathing is difficult, give oxygen. Call a physician.

CURE:

RISK PHRASES (of product in liquid form):

May cause slight eye, skin or respiratory tract irritation. Not a sensitiser. Considered slightly toxic.

SAFETY PHRASES (of product in liquid form):

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S36/37 – Wear suitable protective clothing and gloves.

First Aid Recommendations:

Skin and Eye Contact – Immediately flush eyes with fresh water holding lids apart for 15 minutes, washing within one minute is essential to achieve maximum effectiveness. Remove from skin using soap and water. Remove contaminated shoes and clothing. Call a physician.
 Ingestion – Danger! Do not take internally. May cause gastrointestinal irritation or ulceration. May cause burns of mouth and throat. Do not induce vomiting. Give a large quantity of milk or water. Do not give fluids to an unconscious person. Call a physician.
 Inhalation – Immediately move to fresh air. If symptoms persist, call a physician.

PRECAUTIONS FOR USE

| | |
|-----------------------|---|
| Exposure Standards: | None known – use blanket limit of 10mg/m ³ TWA established by Workplace Australia (unlikely to be reached during use). |
| Engineering Controls: | Mechanical local exhaust at point of contaminant release if conditions warrant. |
| Personal Protection: | Wear impervious gloves; wear chemical resistant safety goggles if eye contact possible; wear overalls. It is extremely unlikely that harmful concentrations of volatile materials will be released during normal applications by spreaders, trowels, or similar tools in open areas. Wear organic vapour cartridge respirator or fresh air hood if working in enclosed spaces with minimal ventilation. |

SAFE HANDLING INFORMATION

| | |
|---------------------------|--|
| Storage and Transport: | General good practice required. Store at ambient conditions. Avoid extremes. Transport as non-hazmat. |
| Spills: | Construct a dike to prevent spreading. Scrape up and place in suitable container for disposal. Wash area with solvent. |
| Disposal: | Dispose in industrial disposal. Comply with local, state and federal laws and regulations. |
| Fire or Explosion Hazard: | Generation of toxic products. Use water spray, foam or dry chemical to fight fire. Not susceptible to explosion. |

OTHER INFORMATION

| | |
|----------------------------|--|
| Ecotoxicity data: | No data is available on the product itself. |
| Toxicological information: | BASE: Oral – LD50 (Rat) >5000mg/kg, Dermal – LD50 (Rabbit) >20,000mg/kg. (for component containing epoxy polymer. No data available on mixture). CURE: None known. |
| Incompatible Materials: | Avoid contact with strong acids and bases, oxidising agents, reactive metals, sodium hypochlorite. |
| Hazardous Decomposition: | BASE: CO ₂ , CO. CURE: Oxides of nitrogen and carbon, acids, ammonia. |
| Conditions to avoid: | Mixing large volumes of base and cure ... expect a significant exotherm within 2-3 minutes at 25°C. |

CONTACT POINT

Technical Services Information Officer: + 61 7 3216 7388

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, National Maintenance Products Pty Ltd. assumes no liability for the accuracy and completeness of the information contained herein. Final determination of suitability of this material is the sole responsibility of the user. All materials present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.