

### Section 1. Identification of the material and the supplier

Product: ISOPON P40 Glass Fibre Repair Paste  
Product Code: P40/1, P40/2, P40/4  
Product Use: Polyester repair paste containing styrene

New Zealand Supplier: U-POL NZ Ltd  
c/o Lindsay & Associates  
Address: Unit H, 12 Amara Place  
East Tamaki, Auckland

Telephone: 027 630 3691  
Email: technical.department@u-pol.com

**Emergency Telephone: +64 980 10034  
0800 764 766 (National Poison Centre)**

Australian Supplier: U-POL Australia PTY Ltd. Unit A  
16 - 20 Cassola Place  
Address: Penrith  
NSW 2750  
Australia

Telephone: 02 4731 2655  
Email: technical.department@u-pol.com

**Emergency Telephone: +61 290 372 994**

### Section 2. Hazards Identification

**Australia NOHSC – Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice**

**New Zealand - This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001***

**Group Standard & EPA Approval Code: Surface Coatings and Colourants (Flammable, Toxic [6.7]) - HSR002669**

#### Pictograms



Flammable



Irritant/ Toxic



Chronic



Corrosive



Ecotoxic

**Signal Word: Danger**

<b>HSNO Class.</b>	<b>Hazard Code</b>	<b>Hazard Statement</b>	<b>GHS Category</b>
3.1C	H226	Flammable liquid and vapour.	Category 3
6.1D	H302	Harmful if swallowed.	Category 4
6.1D	H332	Harmful if inhaled.	Category 4
6.3A	H315	Causes skin irritation.	Category 2
6.6B	H341	Suspected of causing genetic defects.	Category 2
6.7B	H351	Suspected of causing cancer.	Category 2
6.8B	H361	Suspected of damaging fertility or the unborn child.	Category 2
6.9A	H372	Causes damage to organs through prolonged or repeated exposure	Category 1
8.3A	H318	Causes serious eye damage	Category 1
9.1D	H401	Toxic to aquatic life.	Category 4
9.3B	H432	Toxic to terrestrial vertebrates.	

**Prevention Code      Prevention Statement**

P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe fumes.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves, protective clothing and eye protection.

**Response Code      Response Statement**

P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P338	Remove contact lenses, if present and easy to do. Continue rinsing.
P362	Take off contaminated clothing and wash before re-use.
P391	Collect Spillage.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable

	for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P370 + P378	In case of fire: Use suitable extinguishing media for the surrounding fire should be used for extinction

**Storage Code                      Storage Statement**

P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

**Disposal Code                      Disposal Statement**

P501	Dispose of according to Local Regulations or Authorities
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**Section 3.                      Composition / Information on Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Hydrated Magnesium Sulphate	10-30	14807-96-6
Styrene	10-35	100-42-5
PTE	1-5	103671-44-9

**Section 4.                      First Aid Measures**

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Apply continuous irrigation with water for at least 15 minutes holding eyelids apart. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If a skin irritation occurs seek medical assistance.
If Swallowed	IF SWALLOWED: Do NOT induce vomiting. Rinse mouth. Consult a doctor.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

**Section 5.                      Fire Fighting Measures**

<b>Hazard Type</b>	Flammable
<b>Hazards from decomposition products</b>	In combustion emits toxic fumes of carbon dioxide / carbon monoxide
<b>Suitable Extinguishing media</b>	Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.
<b>Precautions for firefighters and special protective</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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<b>clothing</b>	
<b>HAZCHEM CODE</b>	<b>2YE</b>

**Section 6. Accidental Release Measures**

Refer to Section 8 of this SDS for PPE. Eliminate all sources of ignition. Evacuate all staff. Absorb into dry earth or sand. Dispose according to Local Regulations.

**Section 7. Handling and Storage**

**Handling**

- Keep out of reach of children.
- Read label before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Do not breathe fumes.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear protective gloves, protective clothing and eye protection.
- Use personal protective equipment as required.

**Storage**

- Store locked up.
- Store in a well-ventilated place. Keep cool.
- Keep container tightly closed.

**Section 8 Exposure Controls / Personal Protection**

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Styrene	50	213	100	426

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

**Engineering Controls**

Ensure there is sufficient ventilation of the area.

**Personal Protection**

**Eyes:** Avoid contact with eyes. Use safety glasses or chemical splash goggles if splashes are possible. Avoid wearing contact lenses. Ensure an eye bath is at hand

**Skin:** Use nitrile gloves. Gloves should be checked for tears or holes before use.

**Respiratory:** Respiratory protective device with particle filter.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Semi-transparent yellow fibrous paste
<b>Odour</b>	Aromatic
<b>Flash Point</b>	32°C
<b>Solubility in Water</b>	Insoluble in water and soluble in most organic solvents.
<b>VOC</b>	381
<b>Specific Gravity</b>	1.23 – 1.27

## Section 10. Stability and Reactivity

**Stability of Substance** Stable under recommended transport or storage conditions

**Conditions to Avoid** Direct sunlight. Heat. Sources of ignition.

**Incompatible Materials** Strong oxidising agents.

**Hazardous Decomposition Products** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11 Toxicological Information

### Acute Toxicity:

<b>Mixture calculations for this product</b>	<b>Oral</b>	<b>= 975mg/kg</b>	<b>= Hazardous</b>
	<b>Inhalation</b>	<b>= 1.36 mg/L</b>	<b>= Hazardous</b>

**Eye** The mixture is causes serious eye damage

**Skin** The mixture is considered to be a skin irritant

### Chronic

**Carcinogenicity** Suspected of causing cancer.

**Reproductive** Suspected of damaging fertility or the unborn child.

Suspected of causing genetic defects.

**Systemic** May cause damage to organs through prolonged or repeated exposure

## Section 12. Ecotoxicological Information

HSNO Classes: 9.1D = Toxic to aquatic life.

9.3B = Toxic to terrestrial vertebrates.

### Styrene

FISH	96H LC <sub>50</sub>	4-10	mg/l
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Do not allow to enter waterways.

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### Section 13. Disposal Considerations

Transfer to a suitable container and arrange for collection by specialised disposal company  
Ensure waste container is labelled "Hazardous Waste – Flammable, Toxic"  
Do not allow product to enter storm drains or sewer systems. Collect all spillage where possible.

### Section 14 Transport Information

Classified as a Dangerous Good for transport in Australia; ADG 7  
Classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

#### Road and Rail Transport

UN No: 3269  
Class-primary 3  
Packing Group III  
Proper Shipping Name: POLYESTER RESIN KIT

#### Air Transport

UN No: 3269  
Class-primary 3  
Packing Group III  
Proper Shipping Name: POLYESTER RESIN KIT

#### Marine Transport

UN No: 3269  
Class-primary 3  
Packing Group III  
Proper Shipping Name: POLYESTER RESIN KIT

### Section 15 Regulatory Information

#### **Australia:**

Australia NOHSC – Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

NOHSC Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)].

Poison Schedule No: S5

#### **New Zealand:**

EPA Approval Code: Surface Coatings and Colourants (Flammable, Toxic [6.7]) - HSR002669

HSNO Classification: 3.1C, 6.1D(oral,inh), 6.3A, 6.6B, 6.7B, 6.8B, 6.9A, 8.3A, 9.1D, 9.3B

HSNO Controls:

Trigger quantities for this substance:

	<b>Trigger Quantity</b>
Approved Handler	Not required
Location Certificate	500L (>5L), 1500L (<5L); 250L open (3.1C)
Tracking Trigger Quantities	Not applicable

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Signage Trigger Quantities	1000L (3.1C)
Emergency Response Plan trigger Quantities	10 000L(3.1C)

## **Section 16 Other Information**

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS Code of Practice, December 2011, Safe Work Australia.

### Disclaimer

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