

# SILACRYL

**Silacryl is a high solids, solvent based acrylic sealer. It has been designed for quality, longevity and especially suited to slate and other porous stone.**

## FEATURES

- Solvent based wet look sealer
- Suitable for porous stone
- Darkens substrate and enhances colour
- Coating prevents oils and dirt ingress
- High solids

## TECHNICAL INFORMATION

<b>Physical State</b> .....Liquid	<b>Colour</b> .....Colourless
<b>Odour</b> .....Strong aromatic odour	<b>Specific Gravity</b> .....~ 0.92
<b>Boiling Point</b> .....IBP: ~ 136 °C, FBP: ~ 145 °C	<b>Freezing Point</b> .....Approximately -48 °C
<b>Vapour Pressure</b> ...Typical: 0.2 kPa @ 0°C, 1 kPa @ 20°C, 4.5kPa @ 50°C	<b>Vapour Density</b> .....3.7 (air = 1)
<b>Flash Point</b> .....Approximately 25 °C	<b>Flammable Limits</b> .....1.0 - 7.1 %
<b>Water Solubility</b> ....0.175 kg/m <sup>3</sup>	<b>pH</b> .....neutral
<b>VOC</b> .....~ 70% v/v	<b>Coefficient of Water/Oil Distribution</b> ....Log Pow 3.12 – 3.2
<b>Odour Threshold</b> ..0.27 ppm	<b>Per Cent Volatile</b> .....~ 70% v/v
<b>Storage</b> .....Store in a well-ventilated place. Keep cool.	<b>Evaporation Rate</b> .....0.76 (n-Butyl Acetate = 1)

**Suitable for:** Internal and external use on slate, sandstone, limestone, concrete pavers and other porous surfaces.

**Preparation:** Always test product on a small area first and allow a 1 hour cure time to determine the ease of application and suitability of your surface type.

With new grout, allow 72 hours before application.

All surfaces should be thoroughly cleaned with NATURAL CLEAN. Heavily soiled acid sensitive surfaces to be cleaned with D-GREASE, while non-acid sensitive surfaces can be cleaned with D-SCALE. All surfaces should be neutralised with NATURAL CLEAN.

Allow surface to dry for approximately 24 hours before sealing.

Ensure surface is clean and free of residue and other contaminants.

Tape up or protect nearby surfaces.

Allow good ventilation and use proper PPE as per details on the SDS.

**Application:** Apply when surface temperature is between 5 – 35 degrees C. Use Solutions Sealers applicator, microfibre or paint brush.

On most porous surfaces mix the first coat with 50% Eversol (Xylene) to aid in adhesion to the substrate.

2-3 coats in total are recommended, the last coats at 100% strength.

The coats should be applied slowly with no agitation to prevent air bubbles within the coat.

Apply a wet coat without leaving pools of sealer.

Seal across the area following the wet line.

The sealer will tack off approximately 15 minutes and be ready for another coat within 1-2 hours.

Do not allow sealer to contact painted surfaces, plastic, vinyl etc.

### Drying:

Recoating the surface 1-2 hours

Keep surface dry and free of heavy foot traffic for 48 hours after application.

High winds and high temperatures may produce very small air bubbles these can be removed with a light coat of Eversol on a microfibre or lambswool applicator.

### Coverage:

Porous surfaces first coat 4-6 square metres per litre, 2nd and third coats 8 and 10 square metres per litre respectively.

### Clean Up:

Eversol.

### Maintenance details:

See the General Cleaning Guidelines For All Surfaces Technical Data Sheet on [solutionssealers.com.au](http://solutionssealers.com.au).

### Shelf life:

2 years from purchase in an unopened container – test contents after this time.

### Packaging:

1lt, 4lt, 10lt, 20lt

**PRECAUTIONS/LIMITATIONS:**

- Test product for suitability of sealer on your surface
- Surface temperature to be between 5 and 35 degrees C
- Do not apply sealer outside if rain is expected within 12 hours
- Stain resistance with develop over 72 hours
- Allow 2 hours before foot traffic
- Tape up or cover areas close to the surface to be sealed
- Will not resist against hydrostatic pressure or rising damp.
- Will not seal cracks in the surface
- Uneven or improper application may result in inconsistent performance
- Contaminants left on the surface for a long period will penetrate the sealed surface
- Do not clean with harsh chemicals
- The coating will change the slip rating of the surface

**SAFETY INFORMATION**

Refer to safety data sheet for full details.  
Available on [www.solutionssealers.com](http://www.solutionssealers.com)

**DISCLAIMER**

This product is warranted to be free of defects in material and workmanship. This product is manufactured in accordance with Solutions Sealers quality control standards. All technical data, manuals, statements and suggestions are based on in house & field testing. All information obtained herein is believed to be true & correct but accuracy and completeness of the said tests are not guaranteed and or not to be construed as a warranty or guarantee of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend on many factors that are beyond Solutions Sealers control.

Ingredients	CAS Number	Proportion
Xylene isomers	1330-20-7	>60 % w/w
Acrylic polymer	Proprietary	10 - 30% w/w

Note – contains < 0.1% benzene

Exposure limits	National Occupational Exposure Limits, as published by SAFEWORK AUSTRALIA:
	<p><b>Time-weighted Average (TWA):</b> None established for product.</p> <ul style="list-style-type: none"> <li>• Xylene: 350mg/m<sup>3</sup> (80ppm) TWA (8hr)</li> </ul>
	<p><b>Short Term Exposure Limit (STEL):</b> None established for product.</p> <ul style="list-style-type: none"> <li>• Xylene: 655mg/m<sup>3</sup> (150ppm) STEL</li> </ul>

**Transport Information**

ADG CODE – ROAD & RAIL			
UN Number	1263	ADG Classification	Class 3 FLAMMABLE
Proper Shipping Name	PAINT	ADG Subsidiary Risk	none allocated
HAZCHEM Code	•3YE	Packing Group	III

**Regulatory Information**

GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP	S6 (XYLENE)
ADG Code	ADG Class 3 (PAINT)
AICIS	All ingredients present on AICS.