

# Technical Data Sheet

## Urethane Single pack



<b>Product</b>	This product is a heavy duty sealant suitable for use over concrete, timber and particle board. Supplied at application viscosity. Has UV absorber and will assist in protection substrates from the affects of sunlight. However will slightly yellow on exposure to sunlight.
<b>Usage</b>	Suitable for interior and exterior use. Industrial floors, showrooms, forklift areas and anywhere there is a need for a durable coating.
<b>Benefits</b>	Durable, hard wearing, resistant to discoloration.
<b>Coverage</b>	Approximately 7 sq mtrs per litre.
<b>Curing</b>	Full curing is not achieved up to 7 days at ambient temperature 15 to 28°C. Avoid parking cars on new sealed surfaces until full curing is achieved. Foot traffic following day.
<b>Package</b>	20 lt pail available in clear only.
<b>Storage</b>	<ul style="list-style-type: none"><li>• Store in a cool place, and out of direct sunlight.</li><li>• Store away from excessive heat.</li><li>• Avoid sparks, flames &amp; ignition sources.</li></ul>
<b>Shelf Life</b>	Approximately 18 months, providing stored correctly and unopened.
<b>Handling</b>	<ul style="list-style-type: none"><li>• Lifting without due care could result in personal injury.</li><li>• Avoid contact with skin and eyes.</li><li>• Avoid breathing vapours.</li><li>• Wear suitable protective equipment.</li></ul>
<b>Properties</b>	Appearance: Clear liquid Odour: Aromatic hydrocarbon Flammability Limits: LEL: 1.1% UEL: 7.7%
<b>Equipment</b>	Airless spray unit, Sealer Broom, Dacron Roller or Lambs wool applicator. To clean equipment use Solulene.
<b>Precautions</b>	Before using calculate the quantity necessary for each coat and pour into a working container and re-seal the original tin immediately. After using, do not return any unused product to original pail. Suitable for both interior and exterior use. However will slightly yellow on exposure to sunlight if used outdoors. Recoat within 18 hours.

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## APPLICATION GUIDELINES

### Unsealed surfaces

#### Surface preparation

Surface should be clean and free of dust, grease, oil and other contamination. To remove grease and oil stains wet area with hot water then apply Cleanall scrub with a broom on and around area. Allow to sit 5 minutes, and then pressure wash. To remove moss or fungus dilute bleach 1 to 10 parts water in a watering can, apply over the surface and allow to sit for a minimum of 2 hours, then high pressure wash completely. Repeat if necessary. Prior to sealing acid etching is highly recommended, to enable greater penetration of the sealer. **Acid Etching:** Wet concrete down prior to acid etching. Mix 1 part hydrochloric acid to 15 parts water into a watering can, apply evenly over the surface of the concrete. Do NOT allow the acid to dry, it is advisable to apply a neutralising agent ( Soda Ash ) prior to hosing off the acid solution. Thoroughly rinse off the surface to remove the acid solution. Allow to dry completely prior to Sealing.

### Previously Sealed

#### Surface Preparation

Do not acid etch previously sealed surfaces. Surface should be clean and free of dust, grease, oil, flaking sealer and other contamination. **To remove grease and oil stains** wet area with hot water then apply Cleanall, scrub with a broom on and around area. Allow to sit 5 minutes then pressure wash. **To remove moss or fungus** dilute bleach 1 to 10 parts water in a watering can, apply over concrete and allow to sit for a minimum of 2 hours, then pressure wash thoroughly. Repeat if necessary. Prior to sealing it's advisable that a small area be tested for compatibility. Apply Solulene™ liberally and broom in vigorously, then apply StaSeal™ and leave to weather for a minimum of 7 days. If the Sealer™ on the test area fails, (delamination, flaking, cracking or surface remaining soft or tacky) the old sealer should be stripped with Sealer Strippa and resealed following the directions of unsealed surfaces. If the test area is successful then apply Solulene™ liberally with a broom and work into the surface then proceed with the sealing application.

### Sealer Application

**First coat:** Dilute equal parts of Solulene™ and Urethane. Apply immediately as Urethane will gel if allowed to stand. It is important to get the first coat flat as possible as subsequent coats will follow this one. **Second coat:** apply undiluted within 18 hours in average conditions otherwise the first coat cures to such a high degree that adhesion of further coats becomes a problem. Should the Urethane be left longer than 18 hours, it is advisable to lightly sand the surface before second coat.

#### Disclaimer

The information given is based on our knowledge of the health and safety data of this product, at the time of publication and is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact Bescon Industries. Responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be accordance with the appropriate regulations and / or legislation.