

**PRODUCT DESCRIPTION**

Solvent-free, moisture cure, single component polyurethane binder with a diphenylmethane diisocyanate prepolymer base

**PRODUCT FEATURES**

- Designed, when mixed with rubber granulate, for the production of resilient rubber layers used in the installation of synthetic surfaces at sports facilities such as running track, playground fields

**TYPICAL USES**

- Safety Playgrounds
- Synthetic surfaces
- Running Track
- Sport facilities
- Outdoor carpets
- For a non-skid coating, apply sand, silica or polyethylene to the binder

**TECHNICAL DATA**

<b>Color:</b>	CLEAR
<b>Gloss:</b>	N/A
<b>Type of Cure:</b>	Moisture Cure
<b>Binder:</b>	Aromatic polyurethane
<b>Solids by volume:</b>	100 %
<b>Solids by Weight:</b>	100 %

Faster curing can be achieved by using the Pur-Acc AX-70. See the application instruction on page 2

<b>Viscosity:</b>	2000-5000 CPS
<b>Specific Gravity:</b>	1.05 - 1.11 kg/lit.
<b>Flash Point:</b>	> 93.3°C (200°F)
<b>% NCO:</b>	9.0.0 +/- 1%
<b>Packaging:</b>	5 gallon, drums, totes

**Storage:** This material must be stored in a cool and dry place and must be protected from humidity. The ideal storage temperature is 15-25 °C (60-80°F)  
The shelf life of the product is 1 year

Keep in cool and dry area  
\*revised on June 29, 2012

## APPLICATION GUIDE

### APPLICATION

Curing takes place by reacting with atmospheric moisture. High temperature of materials and surroundings (>29°C-85°F) as well as high humidity (>80% RH) will cause faster curing. Low temperature 15°C (60°F) and low relative humidity (<50% RH) will extend the curing period. The mixing period in the mixer after having added the binder to the rubber granulates should be 3-5 minutes depending on the quantity being mixed. The pot life of the mixture of rubber granulates and binder is 15-30 minutes, depending on the surrounding temperature. If working in low temperature and low humidity conditions, consult Polyval for recommendations. Properly cured surfaces can be walked on after one day and be ready for use in approximately 2 weeks. To achieve an even adhesion throughout the entire area the ground must be treated with a primer prior to the installation.

**\*Pur-Acc AX-70:**

Use 250 ml or 500 ml of AX-70 Pur-Acc per 5 gallons of SL-8886. Mix well until mixture become homogeneous before adding the rubber granules. Please contact a Polyval representative before using a larger quantity of AX-70 Pur-Acc.

### PROCESSING

Binder SL-1076 can be mixed either with SBR or EPDM rubber granules at a ratio of 20% of binder to 80% of granulates on the job site. The size of the granulates must be between 0.5mm-5mm. The mixture should be prepared and mixed in a clean and dry mechanical mixer until a homogeneous mixture is obtained. The mixture is transferred and applied by a mechanical finisher with a heated finished screen bar. All joint work should be trowelled flush with the adjacent base material. Cured joints must be treated with primer before the application of the adjacent base material.

### PRODUCT LIMITATIONS

- Polyurethane Binder is not UV resistant must be protected with appropriate elastomeric, light stable topcoat.
- Air and substrate temperature must be approximately 15°C - 24°C (60°F - 75°F)

**See the material safety data sheet and product label for complete safety and precaution requirements.**

**DISCLAIMER:**

"The following is made in lieu of all warranties, expressed or implied; Manufacturer's obligation shall be to replace such quantity of the product proven to be defective. The manufacturer shall not be liable for any injury, loss or damage, direct or incidental or consequential, arising out of the use of or the inability to use the product. Before using, the user shall determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. All values shown are approximations. Values indicated are for guide purposes only, as actual values can change due to application conditions, application methods, environmental conditions etc. The information contained herein is subject to change without notice. Consult your representative for a current data sheet. The foregoing may not be altered except by an agreement signed by the officers of the manufacturer."

**Chemical resistance information is currently being updated according to ASTM standards Please contact your local representative for an update.**