



# TECHNICAL DATA SHEET

# ELASTATHANE UV 550

## PRODUCT DESCRIPTION

The Concrete Protector's ElastaThane UV 550 is a 100% solids, aliphatic isocyanate, single component, moisture cure binder for rubber, SBR, EPDM granules and various rock aggregates.

**STANDARD COLORS:** Clear  
**OTHER COLORS ALSO AVAILABLE:** N/A  
**REVISION DATE:** March 24, 2022

## CURE SCHEDULE (75°)

**POT LIFE (1.5 GAL VOLUME):** N/A  
**TACK FREE (DRY TO TOUCH):** N/A  
**RECOAT OR TOPCOAT:** N/A  
**LIGHT FOOT TRAFFIC:** N/A  
**FULL CURE:** N/A

## COVERAGE

Recommended for use with rubber, SRB, and EPDM granules.

**COVERAGE PER GALLON:** N/A

**MIX RATIO:** 1:1 with solvent for priming/  
1:4 with rubber granules  
(measured in pounds)

**RECOMMENDED FILM THICKNESS:** N/A

**PACKAGING INFORMATION:** 5 gal.

## PHYSICAL PROPERTIES

**SPECIFIC GRAVITY:** 1.03  
**VISCOSITY:** 3000 ± 500 cps  
**TOTAL SOLIDS BY WEIGHT, ASTM D-2369:** 100%  
**TOTAL SOLIDS BY VOLUME, ASTM D-2697:** 100%  
**TEAR RESISTANCE, DIE C- ASTM D-624:** 450 ± 50 pli  
78.8 ± 3.7 kN/m  
**TENSILE STRENGTH, ASTM D-412:** 4000 ± 300 psi  
27.6 ± 2.1 MPa  
**ULTIMATE ELONGATION, ASTM D-412:** 550 ± 50 %

## CHEMICAL RESISTANCE

N/A

## LIMITATIONS

- Once the container has been opened, care should be taken to exclude moisture.
- The most favorable temperature for storage is 25-35°C. If stored at higher temperatures, or if moisture is not excluded, an undesirable increase in viscosity will occur.
- This product contains Isocyanates.

## BENEFITS

- UV Resistant
- Solvent Free
- Long Pot Life
- Single Component
- Resilient
- Cold Temperature Flexibility
- Hydrolytic Stability
- Good Freeze-Thaw Flexibility
- Excellent Binding Characteristics
- MDI Based - Does Not Contain TDI

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### INSTRUCTIONS

#### PRIMING

- 1) Combine 1 part ElastaThane UV 550 and 1 part solvent, mix well
- 2) Apply to surface using a  $\frac{3}{8}$ " nap roller

#### BINDING RUBBER

- 1) Combine 1 part ElastaThane UV 550 and 4 parts rubber granules (measured by the pound), mix well
- 2) Apply to surface using a screed box and thickness gauge or metal trowel

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