

# TECHNICAL DATA SHEET

## BEYPUR™ 420

### THIXOTROPIC 2-C POLYURETHANE SEALER

#### PRODUCT FEATURES

- **Two-Component:** Thixotropic formulation designed to seal surface porosity of paved-in-place rubber surfaces.
- **Efficient Application:** Allows for quick application, low waste factor, and high-speed installation rates, outperforming other products on the market.
- **Excellent Adhesion:** Bonds effectively to a variety of substrates and other Beynon polyurethane materials.
- **Zero-VOCs:** Environmentally friendly with no volatile organic compounds.
- **Regulation-Compliant:** TDI-free, mercury-free, and heavy metal-free, eliminating the regulatory problems, reducing environmental and construction site hazards.

#### APPLICATION GUIDELINES

- **Consult** with Beynon Technical Representative for detailed application instructions.
- **Surface Preparation:** Ensure the surface is clean, dry, free from oil, grease, dirt, foreign residue, or other contaminants.
- **Mixing:** Mix thoroughly the two components using a non vortexing mixer. Avoid excessive atmospheric moisture during mixing. Transfer mixed components to a second container and remix briefly.
- **Application:** Use appropriate squeegee or flat trowel to ensure proper thickness is applied.

#### HANDLING PRECAUTIONS

- Refer to the Safety Data Sheet (SDS) before handling or using the product.
- Always wear recommended Personal Protective Equipment (PPE).
- BEYPUR™ 420B contains polymeric isocyanate, do not breathe vapors.
- Ensure adequate ventilation during application.
- Avoid contact with eyes, skin, and clothing.
- In cases of contact with skin, wash immediately with soap and water.
- In cases of contact with eyes, flush eyes with water for fifteen minutes and obtain prompt medical treatment.

#### STORAGE GUIDELINES

- **Store in a cool, dry surroundings.**
- **Avoid prolonged storage.** Store within temperature: 40-90°F (4-32°C) for BEYPUR™ 420A. 50-90°F (10-32°C) for BEYPUR™ 420B.
- **Shelf life:** ~ 12 months in its original sealed container.

#### PHYSICAL PROPERTIES

	Imperial	Metric
Color	Red Tint	
Density	11.0 lbs/gal	1.32 g/cm <sup>3</sup>
Mix Ratio (By Volume)	4A : 1B	
Packaging	41.4 lbs (4 Gallon Kits)	18.8 kg (15.2 Liter Kits)
BioBased Content (per USDA)	52%	
VOCs	0 lbs/gal	0 g/L
Viscosity (Mixed)	~ 27,000 cps (20 rpm) 78°F	~ 27,000 cps (20 rpm) 25°C
Mixed Application Pot Life	45-65 min (100°F)	45-65 min (37°C)
Durometer (Shore A)	~ 75	
Adhesion to Rubber Mat	Excellent	
Adhesion to Beypur Wear Coat	Excellent	

#### USDA CERTIFICATION



BEYPUR™ 420 proudly carries the USDA Certified Biobased Product label, validating its use of renewable materials and contribution to reducing environmental impact.

With **52% biobased content**, this product is part of Beynon's commitment to sustainable and environmentally responsible manufacturing practices.

#### ISO 9001 & ISO 14001 CERTIFICATION

This product is manufactured in accordance with the **quality management system standards of ISO 9001**, demonstrating a commitment to consistent quality and customer satisfaction, while also adhering to the **environmental management system standards of ISO 14001**, signifying our dedication to minimizing our environmental impact throughout production process.

