

# TECHNICAL DATA SHEET

## BEYCAT™ 1C CATALYST SOLUTION

### PRODUCT FEATURES

- **Catalyst Solution:** Designed to reduce the cure time of moisture-cured polyurethane coatings.
- **Broad Product Compatibility:** Specifically formulated for use with BEYPUR™ 100, 300, 320, 340, and 360 series.
- **Improved Cold Weather Performance:** Can help maintain reliable cure rates in lower temperature or high-humidity conditions.
- **Consistent Results:** Promotes uniform film formation and full cure, supporting better finish quality across varied environments.
- **Cure Time Control:** Enables greater control over working time and curing schedules, allowing adjustment based on jobsite conditions.
- **Ideal for Accelerated Projects:** Perfect for projects requiring quick return-to-service, such as school tracks, recreation areas, or fast-paced construction timelines.

### APPLICATION GUIDELINES

- **Consult** with Beynon Technical Representative for detailed application instructions.
- **Addition and Mixing:**
  - For Aromatic based binders: start with ~0.05-0.10% addition by weight of the BEYCAT™ 1C.
  - For Aliphatic based binders: start with 0.50% addition by weight of the BEYCAT™ 1C.
  - Increase the amount as needed.
  - Thoroughly mix BEYCAT™ 1C with the polyurethane binder prior to use.
- **Application:** Apply per system specification.

### STORAGE GUIDELINES

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

### PHYSICAL PROPERTIES

	Imperial	Metric
<b>Solids (Volume)</b>	100%	
<b>Packaging</b>	Pails (40 lbs) Cans (8 lbs)	Pails (18.2 kg) Cans (3.6 kg)
<b>Recommended Amount to Use (AROMATIC Based Binders)</b>	~ 0.05 - 0.10% (by weight) of BEYCAT™ 1C	
<b>Recommended Amount to Use (ALIPHATIC Based Binders)</b>	~ 0.5 - 1.0% (by weight) of BEYCAT™ 1C	

### HANDLING PRECAUTIONS

- Refer to the Safety Data Sheet (SDS) before handling or using the product.
- Always wear recommended Personal Protective Equipment (PPE).
- BEYCAT™ 1C contains catalyst solution which is corrosive and can cause irritation to skin and eyes.
- 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.

### 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.



ISO 9001  
CERTIFIED



ISO 14001  
CERTIFIED