



Advanced Polymer Technology

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# Qualipur<sup>®</sup> 3401 C

## 1. General Description

Qualipur 3401 C is an aromatic, one component, solvent free straight MDI polyurethane prepolymer with enhanced UV stability that is highly catalyzed for usage in colder environments.

Basic Uses: Qualipur 3401 C is designed for EPDM binding rubber granules in the production of synthetic sports surfacing.

## 2. Safety Guidelines

Always wear the recommended personal protective equipment. Avoid contact with eyes, skin, and clothing. Adequate ventilation is required during the application process.

## 3. Storage and Packaging

Qualipur 3401 C should be kept dry and cool. Storage temperature should be between 5°C (40°F) and 66°C (150°F). Do not expose containers to open flame, excessive heat, or direct sunlight. Product shelf life is 1 year in sealed container.

Qualipur 3401 C is packaged at 20 kgs (approximately 4.89 gallons) and 210 kgs (approximately 49 gallons).

## 4. Coverage

Qualipur 3401 C is ready to use as supplied and should be mixed with dry rubber granules as follows:

Qualipur 3401 C – 20% by weight

Rubber granules – 80% by weight

## Features and Benefits

- ✓ One component
- ✓ Solvent free
- ✓ With enhanced UV Stability
- ✓ Highly catalyzed for colder environments
- ✓ No VOC

## 5. Installation Guidelines

Before application, the surface to be coated must be clean, dry, and free of oil, grease, dirt, and any foreign residue. This mixture can be applied with a trowel in order to obtain a uniform, level surface.

The cure time varies with temperature and humidity. High temperature and high humidity will decrease cure time while low temperature and low humidity will increase it.

## 6. Limitations

- Do not apply over wet substrates
- Substrate and application minimum temperature 3°C (38°F)
- Substrate and application maximum temperature 15°C (60°F)
- Permissible relative humidity 40 - 90 %

## 7. Technical Data

VOC		0 g/L*
Density	At 20°C (68°F)	1.03 to 1.13 g/cm <sup>3</sup>
Viscosity	At 20°C (68°F)	2700 to 3700 cPs
Color		Opaque / gold to light brown
Cure time	At 10°C (50°F) 50% Relative Humidity	2 to 3 hours

\*based on Standard formula calculation

*Above figures are guide values and should not be used as a base for specifications*

*Consult the Safety Data Sheet for more Details*

For complete and latest warranty and product information, please visit [www.advpolytech.com](http://www.advpolytech.com)

