



# Qualipur<sup>®</sup> 3443

## Features and Benefits

- ✓ One component
- ✓ Solvent-free
- ✓ Fast curing
- ✓ Zero VOC

## 1. General Description

Qualipur 3443 is a one component, solvent free straight MDI polyurethane prepolymer.

Basic Use: Qualipur 3443 is designed as a fast curing base binder for synthetic sports surfacing. Qualipur 3443 should never be used as a top binder. Yellowing will occur when Qualipur 3443 is exposed to UV light. This will not affect the mechanical properties.

## 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 3443 should be kept dry and cool. Storage temperatures 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 3443 is packaged at 20 kgs (approximately 5 gallons), 195 kgs (approximately 52 gallons), and 975 (approximately 261 gallons).

## 4. Coverage

Qualipur 3443 is ready for use as supplied and should be mixed with dry rubber granules as follows:

Qualipur 3443 – 20% by weight  
Rubber granules – 80% by weight

## 5. Installation Guidelines

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 substrate
- Minimum substrate and application temperature - 10°C (50°F)
- Maximum substrate and application temperature - 40°C (104°F)

## 7. Technical Data

Based on 23°C (77°F) and 50% Relative Humidity

VOC	0 g/L*
Density	0.95 – 1.05 g.cm <sup>3</sup>
Viscosity	1,000 – 2,000 cPs
Color	Opaque/Gold to Light Brown
Cure Time	6 – 7 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 (SDS) for more details.*

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

