



Qualipur[®] 3446

Features and Benefits

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

1. General Description

Qualipur 3446 is a one component, solvent free straight MDI polyurethane prepolymer.

Basic Use: Qualipur 3446 is designed as a fast curing base binder for synthetic sports surfacing. Qualipur 3446 should never be used as a top binder. Yellowing will occur when Qualipur 3446 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 3446 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 3446 is packaged at 20 kgs (approximately 5 gallons), 195 kgs (approximately 52 gallons), and 975 (approximately 261 gallons).

4. Coverage

Qualipur 3446 is ready for use as supplied and should be mixed with dry rubber granules as follows:

Qualipur 3446 – 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 ³
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.

