



Advanced Polymer Technology

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Qualipur[®] 3401 C

1. General Description

Qualipur 3401 C is a 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 ³ |
| 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 Material Safety Data Sheet / Safety Data Sheet for more Details

For complete and latest warranty and product information, please visit www.advpolytech.com

