

1. General Description

Groundvex 3405 is an aromatic, one component, solvent free, straight MDI polyurethane prepolymer with enhanced UV stability.

Basic Uses: Groundvex3405 is designed for binding EPDM rubber granules in the production of synthetic sport 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

Groundvex3405 should be kept dry and cool, and in originally packaging. Do not expose containers to open flame, excessive heat, or direct sunlight.

Product shelf life is 1 year in original sealed container.

Groundvex3405 is packaged at 20 kg (approximately 4.89 gallon), 210 kg (approximately 51 gallon), and 1050 kg (approximately 256 gallon).

4. Coverage

Groundvex 3405 is ready to use as supplied and should be mixed with dry rubber granules as follows:

Groundvex 3405	18 – 20%
Rubber granules	80 – 82%

****By Total Weight of Mix based on Application****

5. Installation Guidelines

Before application, the surface to be coated must be clean, dry, and free of oil, grease, dirt, and any foreign residue. The mixture can be applied with a trowel 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 cure time.

Features and Benefits

- ☐ One Component
- ☐ Solvent-free
- ☐ Enhanced UV Stability
- ☐ No VOC

6. Limitations

- Do not apply over wet or damp substrates
- Substrate and application minimum temperature 4°C (40°F)
- Substrate and application maximum temperature 40°C (104°F)

7. Technical Data

Renewable Content		2.61%
VOC Content		0 g/L*
Density	23°C(73°F)	1.03 – 1.13 g/cm ³
Viscosity	23°C(73°F)	2000 – 3000 cPs
Color		Opaque/gold to light brown
Cure Time	20°C(68°F) 50% RelativeHumidity	15 – 16 hours

*Based on Standard formula calculation

Above figures are guide values and shouldnot be used as a base for specifications.

Consult the Safety Data Sheet (SDS) for more details.

For complete and latest warranty and productinformation, please visit www.groundvex.com