

Groundvex Sport Binder



ALIPHATIC

Chlorine-resistant, aliphatic, moisture-cure binder for swimming pool and water-park surfacing.

CHEMISTRY ALIPHATIC

APPEARANCE CLEAR ☐

SOLIDS 100%

UV STABLE YES — UV STABILIZED

PRODUCT DESCRIPTION

A chlorine-resistant, aliphatic isocyanate, single-component, moisture-cure binder for mixing with rubber, SBR, EPDM, TPV, and various rock aggregates. Designed for swimming pool areas and water-park applications where chlorine resistance and color stability are required.

FEATURES

- Superior strength & elongation
- Chlorine-resistant
- Durable and resilient
- Non-yellowing
- 0 VOC
- Freeze-thaw flexibility
- Superior UV stability
- Cold-temperature flexibility
- Excellent working time
- Solvent free

COLOR

Clear.

INSTALLATION

The surface to be coated should be dry and free of oil and debris. It can be applied by roller or spray, or mixed with rubber or aggregate for troweled surfacing. Cure time is dependent on humidity and temperature — high temperature and/or high humidity will cure faster.

STORAGE

Twelve (12) month shelf life from date of manufacture in factory-sealed containers. Once opened, care should be taken to exclude moisture. Best storage temperature is 60–90°F (15–32°C); higher temperatures or exposure to moisture reduce shelf life.

TECHNICAL DATA

METHOD

Appearance	Clear
NCO Content	8.5 ± 0.1%
Tensile Strength	3000 ± 200 psi ASTM D-412
Elongation	200 ± 25% ASTM D-412
Tear Resistance, Die C	250 ± 25 pli ASTM D-624
Viscosity	4800 ± 500 cps
VOC Content	0 g/L
Hardness	80 ± 2 Shore A
Shelf Life / Storage	12 months

Typical published values. Confirm against the current Safety Data Sheet (SDS) before handling or specifying.

PACKAGING

Pail	5-gal (18.9 L) · net 45 lbs (20.4 kg)
Drum	55-gal (189 L) · net 450 lbs (204 kg)
Tote	250-gal (946 L) · net fill 2250 lbs (1022 kg)

SAFETY

Wear protective equipment. Avoid contact with eyes and skin. Safety Data Sheets (SDS) are available on request and are furnished to provide handling and disposal information.

Warning: This product contains isocyanates.

Technical Data Sheet — Groundvex Sport Binder (Aliphatic). Typical published physical values; not a guaranteed specification or warranty. User is responsible for determining suitability and for following the current Safety Data Sheet (SDS) and application guidelines. For professional use only.

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