

Product Description

Aliphatic Binder 8000 is a chlorine-resistant aliphatic isocyanate, single component, moisture cure binder for mixing with rubber, SBR, EPDM, TPV and pebble materials. It is designed for swimming pool areas and water park applications.

Features

- Cold Temperature Flexibility
- Excellent strength and elongation
- Good Freeze-Thaw Flexibility
- Non-Yellowing
- Outstanding working time
- Resilience
- With enhanced UV stabilizers

Color

Clear

Packaging

5-gallon pail (18.9 liters), net 45 lbs (20.4 kgs)

55-gallon drum (189 liters), net 450 lbs (204 kgs)

250-gallon tote (946 liters), net fill 2250 lbs (1022 kgs)

Installation

The surface to be coated should be dry and free of oil and debris. It can be applied with roller, or spray. Cure time is dependent on humidity and temperature. High temperature and/or high humidity will cure faster than low temperature and/or low humidity.

TECHNICAL DATA

Appearance	Clear
NCO Content	8.5 ± 0.1%
Tensile Strength, ASTM D-412	3000 ± 200 psi (27.6 ± 2.0 MPa)
Elongation, ASTM D-412	200 ± 25 %
Tear Resistance, Die C, ASTM D-624	250 ± 25 pli (78.8 ± 3.7 kN/m)
Viscosity	4850 ± 500 cps
VOC Content	0 g/l
Hardness	80 ± 2 A
Shelf Life / Storage	12 months

Storage

Aliphatic Binder 8000 has a shelf life of twelve (12) months from date of manufacture, in factory-sealed containers. Once a container has been opened, care should be taken to exclude moisture. Best temperature for storage is 75-95°F (25-35°C). If stored at higher temperatures, or if moisture is not excluded, shelf-life is reduced.

Safety

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

Warning

This product contains isocyanates.

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