

TD.454 – TECHNICAL DATA: AUS-50™ Aliphatic Urethane Sealer

Revised: 3/16/2023 Version: 1.3

Product Class: Single component clear polyurethane

AUS-50™ Aliphatic Urethane Sealer is a 50% solids, high flash, aromatic solvent-borne, polyurethane sealer.

AUS-50™ Aliphatic Urethane Sealer cures by solvent evaporation and saturation into the substrate to form a tough protective film that adheres well to suitable substrates. This sealer exhibits outstanding resistance to abrasion, water, chemicals, and ultraviolet light.

DANGER FLAMMABLE LIQUID

Precautions: Keep away from heat, sparks, and flames. Vapors may cause flash fire. Ensure substrate is completely dry. Do not allow to puddle or gather in joints while applying. Only use in well ventilated areas.

Use Applications:

- Sealer for concrete or concrete overlays

Key Features:

- Single component
- Increased versatility and application range

Physical Properties

(@77° F / 25° C, 50% R.H. 7-day ambient cure)

Appearance	Gloss, clear liquid
Odor	Light aromatic solvent
Flash point	100° F / 38° C minimum
Film properties (Pencil Hardness)	8H
Viscosity @ 77° F / 25° C	100 cP
Weight, lb/gal	8.0 to 8.1
Application temperature	35° F / 2° C to 110° F / 43° C
Cured	7 to 10 days

Available Packaging:

- 1-gallon cans and 5-gallon pails

Suggested Storage:

- Store in a temperature and weather-controlled area between 65° F / 18° C and 85° F / 29° C.
- Do not allow to freeze.
- Shelf Life: 1 year in original unopened containers.

DOT Classification: 3 Flammable Liquid with a flash point lower than 100° F / 37.8° C. PGIII

DOT Identification Number: UN1263 Paint