

TECHNICAL DATA SHEET

CHEMPOL® 818-0644

Modified alkyd

PRODUCT APPLICATION DETAILS

CHEMPOL® 818-0644 is an aliphatic urethane TOFA alkyd with fast through dry, abrasion resistance, color retention, and adhesion, for use in clear and pigmented floor sealers and finishes.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	55 %	-
Viscosity	Z2-Z4 Gardner Holdt	-
Reduced viscosity (40% in Mineral Spirits)	B-D	-
Color	8 Gardner	-
Acid value	10 mg KOH/g	-

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Mineral spirits	-
Density	7.7 lbs/gal	-
Hydroxyl content	1.6 %	-
Hydroxyl number	53	-

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

MARKETS

Coatings & Inks

- Industrial Coating
 - Wood Furniture

PERFORMANCE BENEFITS

- Abrasion Resistant
- Good Adhesion
- Fast Through Dry
- Good Exterior Durability
- Good Color Retention
- Formerly Cray Valley Unithane® 644W

CHEMPOL® 818-0644

FORMULATION GUIDELINES

RECOMMENDATIONS OF USE

Wood--Clear Varnish
Wood—Sealer
Pigmented Wood Finishes

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

CHEMPOL® 818-0644 - Packaged products should be stored in a dry indoor location. The material should be stored in the original, unopened and undamaged container at storage temperatures not exceeding 85° F (30° C). Exposure to direct sunlight should be avoided. For assistance with the best practices for bulk shipment storage and handling contact Arkema.

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