TECHNICAL DATA SHEET

Setathane D 1145

Branched, Castor Oil-Based Polyol [20-4145]

General description:

In combination with other polyols, such as Setatane D 1150 and crosslinked with MDI and HDI polyisocyanates, Setathane D 1145 is suitable for use in the formation of two-component coatings that yield hard to tough but flexible firms, which are resistant to abrasion and chemicals.

Technical features:

1. Solvent-free
2. Abrasion and chemical resistance

Suggested uses:

1. Hard and tough coatings and synthetic resin mortars for the construction industry

Delivery form: solvent-free

Typical properties:

Property	Value	Units	Method *
Iodine color value	≤ 5		DIN ENN 1557
Viscosity, (23°C):	2950 ± 250	mPa.s	DIN EN ISO 3219/A.3
Acid value (as such)	≤ 2	mg KOH/g	DIN EN ISO 2114
Hydroxyl content	7.1 ± 0.5	%	DIN 53 240/2
Water content	≤ 0.2	%	DIN 51 777-1

* SDM: Nuplex Resins methods of determination (available on request)

Density, at 20°C: 8.42 lbs./gal
Flash point: > 372°F
Non-volatile, by vol.: 100%

Equivalent weight: 240

On the DSL Inventory

Stability: Setathane D 1145 is stable for 12 months when stored in originally sealed containers at temperatures below 90°F.

Updated: February, 2012

All information, recommendations and suggestions, concerning the product and its use, are believed to be reliable. However, Nuplex Resins gives no assurance as to the accuracy, completeness, or adequacy for a particular purpose. It is the user's responsibility to determine the suitability for its own use of the products. No guarantee (whether expressed or implied) is made by Nuplex Resins as to the results to be obtained from using the described products, nor shall Nuplex Resins be liable for any use by others of the described products. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorizations. All orders are subject to the general conditions of sale of Nuplex Resins, which are printed overleaf and/or can be downloaded from www.nuplexresins.com. All of user's general terms and conditions are herewith deemed rejected. Nuplex Resins owns all copyrights and other intellectual property rights in the contents of this document. Reproduction or redistribution in any form is not allowed.

Louisville, Kentucky Location : 4730 Crittenden Drive, Louisville, KY 40209 Tel. 800-873-5410 Fax. 502-375-5477
E. St. Louis, Illinois Location: 2904 Missouri Avenue, East St. Louis, IL 62205 Tel. 800-300-4203 Fax. 502-375-5477