



## TECHNICAL DATA SHEET

### Setathane D E 2656

A polyol emulsion [34-4656]

#### General description:

Setathane D E 2656 is suitable for formulation of coatings and mortars with high chemical resistance for the food and beverage industries. Coatings formulated with Setathane D E 2656 and a diphenylmethane based diisocyanate generally exhibit very good resistance to organic and inorganic acids, alkalis, and solvents. Overcrosslinking of 500% is typical. This optimizes chemical resistance and flow.

#### Technical features:

1. No co-solvent content
2. Very good chemical resistance

#### Suggested uses:

1. Chemically resistant coatings and mortars for the food and beverage industries

**Delivery form:** 70% n.v. in DI water

#### Typical properties:

Property	Value	Units	Method *
Water content, by weight.	30 ± 2	%	DIN 51 777-1
Viscosity, (23°C):	250 ± 150	mPa.s	DIN EN ISO 3219/A.3
Hydroxyl content (as such)	2.7 – 3.3	%	DIN 53 240
pH	7		DIN ISO 976

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

Density, at 20°C: 8.0 lbs./gal  
Flash point: > 210°F  
Non-volatile, by vol.: 70%

Equivalent wt, calculated: 425  
Appearance: milky liquid

*On the DSL Inventory*

**Remark:** To ensure blister-free curing, Setathane D E 2656 requires the addition of hydrated lime and/or cement as a CO<sub>2</sub> scavenger.

**Stability:** Setathane D E 2656 is stable for 12 months when stored in originally sealed containers at temperatures above 32°F or below 90°F. Freezing may damage the product irreversibly. During storage the product may undergo phase separation. For this reason, it should be rehomogenized before use

**Updated:** February, 2013

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](http://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.