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	Equivalent wt, calculated:	425
Flash point:	> 210°F	Appearance:	milky liquid
Non-volatile, by vol.:	70%		

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_2 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

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