

TYPE

Polyol emulsion

USES

In combination with Desmodur VL as a binder for chemically resistant coatings

FORM SUPPLIED

milky liquid, approx. 70 % in water

SPECIFICATION

Viscosity (23 °C, D = 201 s⁻¹): 250 ± 150 mPa·s

DIN EN ISO 3219/A.3

Hydroxyl content, supply form: 3.0 ± 0.3 %

DIN 53 240-2

Water content: 30.0 ± 2.0 %

DIN 51 777-1

OTHER DATA *

Equivalent weight, supply form: approx. 565 g/eq

pH: approx. 7.0

Density (20 °C): approx. 1.0 g/cm³

DIN EN ISO 2811

* These values provide general information and are not part of the product specification

PROPERTIES / APPLICATIONS

SETATHANE D E 2656 is suitable for the formulation of coatings and mortars with high chemical resistance for food and beverage industries. Coatings formulated with SETATHANE D E 2656 / Desmodur VL generally exhibit very good resistance to organic and inorganic acids, alkalis and solvents.

Over-crosslinking of 500 % is usual. This optimizes chemical resistance and flow.

To ensure blister-free curing, SETATHANE D E 2656 requires the addition of hydrated lime and/or cement as a CO₂ scavenger.

Further information can be found in the guide formulations for SETATHANE D E 2656.

SOLUBILITY / THINNABILITY

Thinning with water or solvents is not recommended.

COMPATIBILITY

Combination with other polyols is not recommended. Desmodur VL or Desmodur XP 2551 should be used as the co-reactant.

Other polyisocyanates have to be tested for suitability prior to use.

STORAGE CONDITIONS

The product should be stored in the originally sealed containers at temperatures not exceeding 30 °C

The product is sensitive to frost. Freezing will damage the product irreversibly.

During storage the product may undergo phase separation. For this reason, it should be re-homogenized before use.

SHELF LIFE

Standard shelf life is 180 days from the date of manufacturing.

For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC.

LABELING AND REACH APPLICATIONS

This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet.