

Product Data Sheet

URADIL SZ225 F4-80

Saturated polyester resin, water dilutable

Applications

General industry:

- stoving enamels for interior and exterior use

Principal properties

- Gloss level
- Flexibility
- Outdoor durability

Dilutability

Deionized water	good
Butyl diglycol	limited
Butyl glycol	limited
Sec. butanol	limited
n-Butanol	limited

Compatibility

Maprenal MF900 ²⁾	good
Cymel 303 ¹⁾	good
Cymel 325, 328 ¹⁾	limited

Recommendations on formulation and use

Uradil SZ261 is recommended for the use in stoving primers and topcoats for indoor and outdoor use.

Uradil SZ261 can be combined with a HMMM resin (stoving conditions 10 min. 180°C) or with a partially methylated melamine resin: Cymel 328 (stoving conditions 20 min. 140°C, 10 min. 170°C). As a flow control agent Additol XW 395²⁾ is recommended: 0.3% calculated on total paint.

1) Cytec Industries Inc.

2) Hoechst AG

Delivery form

65% in water/butyl glycol/dimethyl ethanol amine
= 12.6/17.8/4.6

Product specifications

300SHW	500H	80W	70
Viscosity, 23°C	10 - 25	Pa.s	2013
Colour, Gardner	0 - 3	-	2017
Solids content	64 - 66	%	2026D
pH of liquids-electrom.	6.5 - 7.5	-	2200

Other product data

300SHW	900H	80W	70
Density, 23°C	appr. 1115	kg/m ³	2160

Storage guidelines

The resin should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5° C and 30° C. Exposure to direct sunlight should be avoided.

Shelf life

Under the stipulated storage conditions, the anticipated shelf-life is 270 days from last quality control date, as stated in the Certificate of Analysis.

Material safety

A material safety data sheet of the products is available on request.

Test methods

Test methods (TM) referred to in the tables are available on request.

Starting formulations

Starting formulations available on request.

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