

# Product Data Sheet

## Uralac® SN833 S2-55 ND

### Saturated polyester resin

#### Applications

##### Coil coating:

- domestic appliances
- indoor use

##### Can coating:

- general purpose
- twist off closures

#### Principal properties

- Deep drawing properties
- Hardness
- Drying speed

#### Dilutability

Solvent Naphtha 200 ND	complete
Butyl glycol	complete
Dibasic ester	complete
2-Butoxy ethyl acetate	complete
Diacetone alcohol	limited
Solvent Naphtha 150 ND	limited
n-Butanol	insoluble

#### Compatibility

Uralac® SN867	good
Uradur™ YB147 S1-75	good
Maprenal BF891 <sup>1)</sup>	good
Maprenal BF892 <sup>1)</sup>	good
Epikote 828 <sup>2)</sup>	good
Epikote 834 <sup>2))</sup>	good
Cymel 303 <sup>3)</sup>	good
Cymel 327 <sup>3)</sup>	almost complete
Maprenal MF821 <sup>1)</sup>	limited
Maprenal MF822 <sup>1)</sup>	incompatible
Uralac® SN865	incompatible
Uralac® SN866	incompatible

- 1) Prefere Resins
- 2) Hexagon Specialty Chemicals
- 3) Allnex

#### Delivery form

55% in Solvent Naphtha 150 ND

#### Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	3.6 - 4.6	Pa.s	2013
Colour, Gardner	0 - 3	-	2017
Solids content	54 - 56	%	2026G
Appearance	Clear	-	2265
Acid value, on solid	3 - 5	mg KOH/g	2401
Hydroxyl value, on solid	18 - 26	mg KOH/g	2432

#### Remarks

TM 2013: cond. spindle Z3/100/23°C

#### Other product data

Property	Value	Unit	TM
Density, 23°C	appr. 1050	kg/m <sup>3</sup>	2160
Flash point	appr. 63	°C	2800
Glass transition temp. (Tg)	32	°C	2076
Molecular weight Mn	6000	Daltons	SAM 5019

#### Recommendations for formulation and use

For crosslinking with Uralac® SN833, HMMM resins or blocked isocyanates are recommended. **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 360 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.

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