

TEGO® Phobe 1401

siloxane hydrophobing agent

Effects

| | 0 | 1 | 2 | 3 | 4 | 5 |
|------------------------------|---|---|---|---|---|---|
| Hydrophobing | ■ | | | | | |
| Water beading effect | ■ | | | | | |
| Low tendency to pick up dirt | ■ | | | | | |
| Early water resistance | ■ | | | | | |

0 = unsuitable...5 = highly suitable

Special features

Hydrophobing and beading effect. Easy incorporation.

Suitability for

| | |
|--------------|------------------|
| waterborne | solventborne |
| ● | ○ |
| 2-pack 100 % | radiation-curing |
| ○ | ○ |
| clear coat | pigmented |
| ○ | ● |

● = suitable ... ○ = not suitable

Area of application

| | |
|------------------------------------|------------------------------|
| silicone resin paints and plasters | silicate paints and plasters |
| ● | ● |
| emulsion paints and plasters | wood coatings |
| ● | ● |
| industrial coatings | |
| ○ | |

● = suitable ... ○ = not suitable

Recommended addition level

As supplied calculated on total formulation: 2 - 4 %

Processing instructions

- Prior to use mix briefly with low shear-forces.
- Addition to the coating as supplied or as a predilution is possible.
- Add the product to the grind before let-down.

Formulation advices

For silicone resin paints, combine with a silicone resin (TEGO® Phobe 1650).

Dilution

- Dilutable with water.
- The dilution has a limited storage stability.
- Due to stability reasons emulsion may not be diluted with organic solvents.

Chemical description

emulsion of an amino functional polysiloxane

Technical information

- appearance white liquid
- non-volatile content approx. 55 %
- solvent water

Suitability for food contact

The additives/monomers/solvents of TEGO® Phobe 1401 are listed on the A and B lists of the Swiss Ordinance 817.023.21, Annex 6.

Registration status

TEGO® Phobe 1401 respectively its ingredients are listed in the following chemical inventories: DSL, ECL, EINECS, IECSC, PICCS, TSCA, TCSI.

All intentional ingredients are listed on the DSL (Domestic Substance List) inventory or have been notified pursuant to the NSN (New Substances Notification) regulations.

All intentional ingredients are listed on the TSCA inventory or comply with the TSCA Polymer Exemption criteria according 40 CFR 723.

Further information on regulatory topics can be found on the Regulatory Data Sheet.

All intentional ingredients are listed on the ECL inventory or comply with the Polymer Exemption criteria.

All intentional ingredients are listed on the PICCS inventory or comply with the Polymer Exemption criteria.

Packaging

- plastic L-ring drum 180 kg
- container 950 kg

Storage stability

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture.

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