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Goldschmidt Home Care

TEGOPREN® 3021
TEGOPREN® 5843
TEGOPREN® 5851

Silicone surfactants to improve the wetting abilities of polishes

- Water dilutable silicone surfactants
- Extremely low surface tension
- Excellent wetting ability

Chemical and physical properties (not part of the specifications)	TEGOPREN® 3021	TEGOPREN® 5843	TEGOPREN® 5851
Active matter	100 %	100 %	100 %
Type	non-ionic	non-ionic	non-ionic
Form	liquid	liquid	liquid
Cloud point [°C]	38	90	64
Surface tension [25 °C, mN/m]	28	28	30
pH-stability	neutral	slightly acidic to slightly alkaline	slightly acidic to slightly alkaline

Solubility (25 °C)	
Water	soluble
Alcohol	soluble
Aromatics	soluble
Aliphatics h. c.	insoluble
Paraffin oil	insoluble

Properties and applications

- TEGOPREN® 3021, TEGOPREN® 5843 and TEGOPREN® 5851 are polyether siloxanes.
- These kind of polyether siloxanes are also described as silicone surfactants or silicone tensides. They are excellent wetting agents and they are able to spread very easily over nearly every surface.
- Polyether siloxanes can be added very easily into water based polishes, they are directly water dilutable.
- In addition to their spreading ability, they impart gloss and smoothness to the treated surface.
- In some cases it is possible to use the polyether siloxanes, especially TEGO-PREN® 5851 as "solubilizing agents". Other, hard to emulsify silicone agents can be mixed or diluted first into the TEGOPREN® and then together emulsified. The quality of the resulting emulsion will be improved.

Packaging

200 kg plastic drums
1 000 kg plastic containers

Other packing sizes on request.

Storage stability

In originally sealed drums at room temperature they can be stored 12 months.

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

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