

TEGOPREN® 5864

Product description

TEGOPREN® 5864 is a comb like polyether epoxy functional polysiloxane.

Physical properties

Appearance	yellow liquid
Viscosity (Höppler) (25 °C)	approx. 2 000 mPas
Density (25 °C)	approx. 1.0 g/cm ³
Flash point (DIN 51758)	approx. 119 °C

Application fields

TEGOPREN® 5864 is recommended as durable, high performance softening agent with good re-wetting properties for textile applications.

Durability on cotton is achieved by padding application followed by curing at high temperatures and under low pH conditions

Benefits

TEGOPREN® 5864 is fully synthetic raw material based. It is a liquid, highly concentrated, easy to handle non-ionic epoxy polyether siloxane, with medium viscosity.

TEGOPREN® 5864 imparts a typical greasy silicone hand to cotton fabric. Under typical drying conditions it is fixed on cotton fabric with high durability.

TEGOPREN® 5864 does not contribute to yellowing of the fabric. It has an excellent re-wetting behaviour.

Dosage/Handling

TEGOPREN® 5864 can be applied from aqueous dilutions by padding. It is recommended to use it from a stock micro emulsion.

Dosage depends on the application and specific formulation in use, as well as on the required performance.

Registration status

The components of TEGOPREN® 5864 are listed on the following inventories:

EINECS, PICCS, TAIWAN and CHINA.

Packaging

200 kg plastic drum

Pallet size: 4 x 200 kg = 800 kg

Storage stability

12 months in original sealed containers at room temperature.

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 fire
- toxicity and ecological effects

is given in our material safety data sheets.

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Trademark notice and legal notice

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