

# TEGOPREN® 7008

## Product description

TEGOPREN® 7008 is an alkyl and polyether modified siloxane. It is a non-ionic product with 100 % active content.

## Physical properties

Appearance	liquid, colourless to pale straw/brownish
Viscosity (DIN 53019)	300– 800 mPas
Density	0.92 – 0.94 g/cm <sup>3</sup>
Colour (Gardner)	max. 2
Flash point (DIN EN 22719)	> 100 °C

## Solubility (25 °C)

Water:	insoluble
Alcohol:	insoluble
Aromatics:	soluble
Aliphatic hydrocarbons:	soluble
Chlorinated hydrocarbons:	soluble
Paraffin oil:	soluble

## Application fields

TEGOPREN® 7008 is recommended as softening agent with excellent compatibility with all kind of chemicals usually used in textile applications.

It is suitable for the treatment of fibers or fabrics and provides very good sewability and lubricity.

In metal working applications TEGOPREN® 7008 is especially used as a W/O emulsifier and co-emulsifier for paraffinic oil-based fluids. Furthermore it can be used as dispersing additive in neat oils.

## Benefits

Due to its dual functionality (alkyl and polyether chains linked to the silicone backbone), it imparts both softness and hydrophilicity to the treated substrates (when applied by padding).

TEGOPREN® 7008 is free of silicone oils, that means:

- No adverse effect on the finishing process (painting/electroplating, etc.) of the treated parts.
- Better dispersion stability, lower sedimentation.

## Dosage/Handling

TEGOPREN® 7008 can be applied as single component from pre-formulated emulsions or in combination with other products. As single component or formulated with other non-ionic products TEGOPREN® 7008 has to be applied by padding.

For padding applications, a dosage of approx. 2 – 6 g/l synergistic blend is recommended.

In the exhaust method a dosage of approx. 0.1 – 0.8 g/l synergistic blend (based on textile weight) is recommended.

In metal working applications the dosage level may vary from 1 to 3 % depending on the application and formulation.

These dosage recommendations are orientative.

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

#### Registration status

The ingredients of TEGOPREN® 7008 are listed in the following chemical inventories:

EINECS, TSCA, DSL, NDSL, ENCS, PICCS and China

#### Storage stability

12 months in original sealed containers at room temperature.

#### Packaging

Pallet à 760 kg  
(4 x 190 kg steel drums)  
900 kg plastic containers

#### 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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#### Evonik Nutrition & Care GmbH

Goldschmidtstr. 100, 45127 Essen, Germany

Phone Europe +49 201 173-2665, Asia +86 21 61191 125, Americas +1 804 727 0700

interface-performance@evonik.com, [www.evonik.com/interface-performance](http://www.evonik.com/interface-performance)