

## Technical Information

## TEGO® Surten W 111

TEGO® Surten W 111 is a non-ionic organic surfactant.

## Physical properties

Appearance	colorless, clear liquid
Active content	100 %
Density (25 °C)	approx. 0.95 g/cm <sup>3</sup>
Viscosity (25 °C)	low viscous

## Application

- TEGO® Surten W 111 improves the wetting properties of aqueous dispersions on difficult substrates and may therefore be used in a variety of applications of pressure sensitive adhesives in high dynamic processes.
- Formulation and application of polymer dispersions/latices with fillers or pigments, e. g. paper coatings.
- Improves the wetting and spreading properties of aqueous media such as full synthetic and semi synthetic Metal Working Fluids (MWF). Additionally it provides excellent dispersing properties on finely ground aluminium swarf.
- In a multitude of other industrial applications where negative interaction between substrates and coatings has to be overcome.

## Benefits

TEGO® Surten W 111 is a very low foaming wetting agent for water based systems. It is solvent and silicone-free.

Due to the special selection of active ingredients TEGO® Surten W 111 outperforms conventional wetting agents due to the low foaming behavior and its fast surface migration.

## Dosage/Handling

TEGO® Surten W 111 may be added to the dispersion as delivered.

Pre-dilutions are possible and could be beneficial depending on the facilities.

Depending on the application in question the required dosage may vary over a wide range (0.1 % to 1.0 %); suitable screening test are therefore recommended (initial dosage 0.3 %).

## Food contact status

Information on the food contact status of TEGO® Surten W 111 is available on request.

## Registration status

The components of TEGO® Surten W 111 are listed in the following chemical inventories:

EINECS, TSCA (restricted to the a.m. application fields), DSL, ECL, ENCS, PICCS, IECSC and AICS

Based on the submitted information of our raw material suppliers we can confirm, that TEGO® Surten W 111 is compliant with EC Regulation 1907/2006 (REACH).

## Storage stability

TEGO® Surten W 111 is stable in closed containers for a minimum of 12 months.

## Packaging

190 kg steel drum (760 kg each pallet)

## 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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