

Product Information

SURFYNOL® TG

PRODUCT DESCRIPTION

SURFYNOL® TG surfactant is a low-foaming, nonionic wetting agent for pigment and substrate wetting in aqueous systems. SURFYNOL® TG surfactant is recommended for use in waterborne coatings and other pigmented aqueous systems.

SURFYNOL® TG surfactant also provides excellent wetting as well as excellent foam control to coagulant baths for both natural and synthetic rubber dipping process and in the preparation of latex tank compounds.

TYPICAL APPLICATIONS

- Pigment grinding
- Substrate wetting agent in waterborne coatings
- Metal surface coatings
- Improves the coverage of coatings applied on surfaces contaminated with oil, grease, dirt, or rust
- Latex dipping
- Rinse bath additive to reduce surface tension and enhance the "sheeting" action of aqueous systems

BENEFITS & ADVANTAGES

- Excellent reduction of equilibrium and
- Improved pigment wetting
- Greater color development
- Reduced pigment "cut-in" time
- Improved color uniformity in brush-out
- Low foam
- Increased hiding power
- Reduced water sensitivity
- Excellent former wetting and extremely low foam at coagulant formulation for latex dipping
- 53°C cloud point for 0.1% surfactant in 15% aq. $\text{Ca}(\text{NO}_3)_2$

DOSAGE

Between 1 and 2% of total formulation weight is recommended for pigment and substrate wetting.

Between 0.05 and 0.3% of total coagulant formulation weight is recommended for latex dipping.

HANDLING & PROCESSING

Surfynol® TG surfactant should be stored under dry and clean conditions between -10°C and 50°C.

Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40°C and mix thoroughly before use.

Please refer to Material Safety Data Sheet.

SHELF LIFE

60 months from the date of manufacture.

HAZARDOUS SUBSTANCE

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.

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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