

DESCRIPTION

SURFYNOL® 104S is a free-flowing powder surfactant providing non yellowing and degassing for powder coatings.

KEY BENEFITS

pigment and substrate wetting

EFFECT**Substrate wetting****Anti-crater effect****Flow promotion****Defoaming****Reduction of static surface tension****Reduction of dynamic surface tension****SUITABILITY**

waterborne	solventborne
●	●
2-pack 100%	radiation-curing
●	●
pigmented coatings	clear coatings
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Powder coatings
- General industrial coatings

TECHNICAL DATA

active matter content	46 %
chemical description	tetramethyldecynediol, gemini surfactant
delivery form	free-flowing powder
SiO₂ content	50 %
solvent	-

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Acetone
●	●
Butylacetate	Mineral Spirits
●	●

● not soluble ● partly soluble ● suitable

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.1 - 0.3 %

PROCESSING INSTRUCTIONS

Addition to the coating as supplied or as a predilution is possible.

HANDLING & STORAGE

- When stored in original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.
- The product is a non-perishable, nonhygroscopic product and is not sensitive to freezing. It should be stored under dry and clean conditions between -10°C and 50°C. High pressure on the packed material should be avoided in order to prevent lumping. Handling of the product is convenient in terms of flowability, dusting and ease of incorporation. Keep away from heat and sources of ignition. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

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