

# Eospoly® UV TR 22 HB 50

## Chemical Composition:

Component	Legislation
Titanium Dioxide	CAS No. 13463-67-7, EINECS No. 236-675-5, JSCI (002170)
Styrene/Acrylates Copolymer	CAS No. 9010-92-8, JCIC (520010)
Methicone	CAS No. 9004-73-3 ; 63148-57-2, JCIC (521120)
PEG 26 – PPG 30 Phosphate	CAS No. 37280-82-3

**INCI Name:** Titanium Dioxide (and) Styrene/Acrylates Copolymer (and) Methicone (and) PEG26 – PPG30

## Technical Information:

Appearance	White fine powder
Odour	Characteristic
Composite Shape	Spherical
Nominal Particle Size	6 – 11 µm
Mean Crystal Size of TiO <sub>2</sub>	Approx. 22 nm
TiO <sub>2</sub> Concentration	50%
Loss on Drying (1h at 105°C)	5% max.
Solubility	Insoluble in water
Shelf Life	Minimum 3 years

**Description:** Eospoly® UV-products are composites of nanofine rutile type Titanium Dioxide in a spherical polymer structure. Eospoly® UV-composites provide UVA- and UVB-protection and an instant optical illusion of smoothness and luminosity. Eospoly® UV TR 22 HB 50 has hydrophobic surface characteristics. It can be dispersed in the oil phase or directly in w/o emulsions, no high shear mixing should be used. Typical use level: 5-15%

Before using this material see the MSDS.  
This technical information is offered as a guide not a guarantee.

