TDS · TECHNICAL DATA

Titanium dioxide, 25 kg

Article: 20042 · **INCI:** CI 77891 (Titanium Dioxide)
Document No. TDS-31467-EN-2611 · **Revision:** 11.2026

Product page

1 General information

Product name	Titanium dioxide, 25 kg
Article	20042
Product type	Titanium dioxide (white mineral pigment)
INCI	CI 77891 (Titanium Dioxide)
Synonyms	pigment, mineral colorant

2 Specification

Appearance	fine powder
Color	white
Particle size	1500 nanometers
Solubility	dispersible in water and oil, triglycerides, in glycerin
Density	3.9–4.2 g/cm³
Bulk density	0.3–0.6 g/cm³
pH	6.5–8.5 (10 % suspension)
Odor	odorless
Pack size	25 kg

3 Applications and dosage

Application areas	• color cosmetics • candles • epoxy resin • polymer clay
Recommended dosage	mixtures with organic UV filters - 2-7%, mono screen for UV rays - 2-15%, mineral cosmetics - 2-10%, balms and lipsticks - 1-4%, creating oil-based pigments - 2-5%

Compatibility	Insoluble, disperses in oils, glycerin and water bases. Highly resistant to light, heat and pH. Pre-grinding with oil or glycerin is recommended for even color.

Use an FFP2 respirator when handling the powder and avoid dust formation.

4 Storage and packaging

Storage conditions	in a dry place, in a tightly closed container, protected from direct sunlight, at +5...+30 °C
Shelf life	until 11.2028 in closed original packaging
Packaging	sealed packaging (zip-lock bag, jar or bottle) / transport container

Quality control: every batch is checked against the reference standard for color, appearance and particle size.

Approved by: Quality Department · Mylo-Opt

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