

**TECHNICAL DATA SHEET**Effective date: 01.2021
Rev.1**Titanium dioxide Paste****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Ricinus communis seed oil, Titanium dioxide (CI 77891), Polyhydroxystearic acid
PCPC name	-
Description	Pigment dispersion of titanium dioxide in castor oil
Color Index	77891

TECHNICAL DATA**Composition**

Ricinus communis oil	35 – 50 %
CI 77891	50 – 65 %
Polyhydroxystearic acid	0 – 0,5 %

Physical parameters

Appearance	Viscous paste
Color	White
Solubility	Soluble in oil
Light stability	Very good

Chemical parameters

Heavy metals	ppm
Lead	0 - 5
Arsenic	0 - 1
Mercury	0 – 0.5
Chromium	0 - 30
Nickel	0 - 30
Zinc	0 - 50
Copper	0 - 30
Barium	0 - 30
Cadmium	0 - 1

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Cobalt	0 - 15
Antimony	0 - 10

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed containers, keep dry and avoid humidity.
Shelf Life	36 months, in closed packaging and the recommended conditions.
Custom tariff	-

LEGISLATION

Certification	-
CMR	We hereby certify that the above raw material does not contain any substance classified CMR category 1A, 1B, 2 (Carcinogen, Mutagen, toxic for the Reproduction) according to the 1272/2008 (EC) Regulatory and adaptations.
Nanomaterials	According to measurement results the reference mentioned above is not considered a nanomaterial.
Animal testing	We hereby certify that the above raw material has not been tested or re-tested on animals for cosmetic purposes.
Pesticides	We certify our raw material from vegetal origin comply with the regulation (EC) n° 396/2005 and its adaptations, concerning the maximum residue levels of pesticides in or on food and feed of plant and animal origin. Data based on our current knowledge.
Residual solvents	The above mentioned raw material is conformed to acceptable amounts for residual solvents described in the note for guidance CPMP/ICH/283/95.
Cosmetic Regulation 1223/2009/EC & adaptations	The above mentioned raw product does not contain any forbidden substance by the Cosmetic Regulation n°1223/2009 and its adaptations.
EU - 1223/2009/EC ^[1]	Annex IV, Part 1 : CI 77891 *
EU - 231/2012/EU ^[1]	E171
USA	Titanium dioxide **
JAPAN	Titanium dioxide
CHINA	-
EINECS	232-293-8/ 236-675-5
CAS	8001-79-4/ 13463-67-7/ 27924-99-8



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* Product type, body part : allowed in all cosmetics. ** exempt from certification ; for coloring cosmetics, including cosmetics applied to the area of the eye. [1] including amendments

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.