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material denomination **SYNCRYSTAL Turquoise**
material-no. 021292MJ0
material description Free flowing turquoise powder comprising platelets of synthetic fluorphlogopite coated with titanium dioxide, ferric ferrocyanide, iron oxides and small amounts of tin oxide.

material specification

insp. characteristic	specification	unit
visual and colorimetric evaluation	pass	
T100127 D 50	20,0 - 25,0	µm
T100154 total aerobic bacteria count	<= 100	cfu/g
T100154 total yeast & mould count	<= 100	cfu/g
T100027 titanium dioxide	50,0 - 67,0	%
T100027 tin oxide	<= 1,0	%
T100074 Pb	<= 0,0001	%
T100074 Cd	<= 0,0001	%
T100075 Sb	<= 0,0001	%
T100075 As	<= 0,0001	%
T100075 Hg	<= 0,0001	%
T100147 ferric ferrocyanide (CI 77510)	2,0 - 7,0	%
T100247 pH of 10% aqueous suspension	3,0 - 8,0	
T100147 synthetic fluorphlogopite	23,0 - 48,0	%
T100076 Ba	<= 0,0010	%
T100076 Co	<= 0,0010	%
T100076 Cr	<= 0,0010	%
T100076 Cu	<= 0,0010	%
T100076 Ni	<= 0,0010	%
T100076 Zn	<= 0,0010	%
T100000 pathogens	absent	
T100147 iron oxides	<= 2,0	%

total shelf life in month: 36

EC-safety data sheet-no. 021292MJ0

Other remarks:

INCI name	CI No.	CAS No.	EINECS No.
synthetic fluorphlogopite		12003-38-2	234-426-5
titanium dioxide	77891	13463-67-7	236-675-5
iron oxides	77492	51274-00-1	257-098-5
ferric ferrocyanide		14038-43-8	237-875-5
tin oxide		18282-10-5	242-159-0

Pigment is unstable to alkaline, strong acids and some salts.

We confirm that the raw material is in consistence with the relevant European Cosmetics Directives and the US Government regulations as specified in 21 CFR for all intended cosmetic uses of the ingredient.

The Data on this technical information sheet correspond with the current status of our knowledge and experience.

technical data sheet

The liability for the application and processing of our products lies with the buyer, and he is also responsible for observing any third party rights.

We reserve the right to alter any product data as a result of technical progress or further developments in the manufacturing process.

Draft	Approval	Release
Technical services	Production	Quality control
16.07.2021	16.07.2021	16.07.2021

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