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**edition** 05.12.2023

**material denomination** **SYNCRYSTAL Green**  
**material-no.** 035684MJ0  
**material description** Free flowing white powder with a green reflection colour comprising platetes of synthetic fluorphlogopite coated with titanium dioxide and small amounts of tin oxide.

**material specification**

<b>insp. characteristic</b>	<b>specification</b>	<b>unit</b>
visual and colorimetric evaluation	pass	
Tl00127 D 50	16,0 - 21,0	µm
Tl00154 total aerobic bacteria count	<= 100	cfu/g
Tl00154 total yeast & mould count	<= 100	cfu/g
Tl00027 titanium dioxide	60,0 - 70,0	%
Tl00027 tin oxide	<= 1,0	%
Tl00074 Pb	<= 0,0001	%
Tl00074 Cd	<= 0,0001	%
Tl00075 Sb	<= 0,0001	%
Tl00075 As	<= 0,0001	%
Tl00075 Hg	<= 0,0001	%
Tl00247 pH of 10% aqueous suspension	5,0 - 10,0	
Tl00147 synthetic fluorphlogopite	29,0 - 40,0	%
Tl00076 Ba	<= 0,0010	%
Tl00076 Co	<= 0,0010	%
Tl00076 Cr	<= 0,0010	%
Tl00076 Cu	<= 0,0010	%
Tl00076 Ni	<= 0,0010	%
Tl00076 Zn	<= 0,0010	%
Tl00000 pathogens	absent	

total shelf life in month: 120

EC-safety data sheet-no. 035684MJ0

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
tin oxide		18282-10-5	242-159-0

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.

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.

## technical data sheet

Draft

Technical services

05.12.2023

Approval

Production

05.12.2023

Release

Quality control

05.12.2023

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