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material denomination SYNCRYSTAL Silver

material-no. 035490MJ0

material description Free flowing white powder with a pearly silver reflection colour comprising platelets of synthetic fluorphlogopite coated with titanium dioxide and small amounts of tin oxide

material specification

insp. characteristic	specification	unit
visual and colorimetric evaluation	pass	
TI00127 D 50	20,0 - 25,0	µm
TI00027 titanium dioxide	20,0 - 30,0	%
TI00027 tin oxide	0,0 - 1,0	%
TI00074 Pb	0,0000 - 0,0001	%
TI00074 Cd	0,0000 - 0,0001	%
TI00075 Sb	0,0000 - 0,0001	%
TI00075 As	0,0000 - 0,0001	%
TI00075 Hg	0,0000 - 0,0001	%
TI00247 pH of 10% aqueous suspension	5,0 - 10,0	
TI00147 synthetic fluorphlogopite	69,0 - 80,0	%
TI00076 Ba	0,0000 - 0,0010	%
TI00076 Co	0,0000 - 0,0010	%
TI00076 Cr	0,0000 - 0,0010	%
TI00076 Cu	0,0000 - 0,0010	%
TI00076 Ni	0,0000 - 0,0010	%
TI00076 Zn	0,0000 - 0,0010	%
TI00000 total aerobic bacteria count	<= 100	cfu/g
TI00000 total yeast & mould count	<= 100	cfu/g
TI00000 Presence gram negative bacteria	absent	
TI00000 S. Aureus	absent	
TI00000 E.Coli (Negative)	absent	
TI00000 P. Aeruginosa	absent	
TI00000 C. Albicans	absent	

total shelf life in month: 120

EC-safety data sheet-no. 035490MJ0

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.

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technical data sheet

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
31.01.2025	31.01.2025	31.01.2025

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