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edition 31.01.2025

material denomination **SYNCRYSTAL Scarlet**
material-no. 035675MJ0
material description Free flowing red powder comprising platelets of synthetic fluorphlogopite coated with titanium dioxide, carmine and small amount of tin oxide.

material specification

insp. characteristic	specification	unit
visual and colorimetric evaluation	pass	
TI00127 D 50	20,0 - 26,0	µm
TI00027 titanium dioxide	49,0 - 61,0	%
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	4,0 - 10,0	
TI00147 synthetic fluorphlogopite	34,0 - 50,0	%
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	%
TI00147 Carmine	1,0 - 4,0	%

total shelf life in month: 36

EC-safety data sheet-no. 035675MJ0

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
carmine	75470	1390-65-4	215-724-4
tin oxide		18282-10-5	242-159-0

Please do not heat the pigment above 90°C.

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

31.01.2025

Approval

Production

31.01.2025

Release

Quality control

31.01.2025

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