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edition 31.01.2025

material denomination **SYNCRYSTAL Soft Black**

material-no. 020450MJ0

material description Free flowing black powder with a soft black reflection colour comprising platelets of synthetic fluorphlogopite coated with iron oxides.

material specification

insp. characteristic	specification	unit
visual and colorimetric evaluation	pass	
TI00127 D 50	5,0 - 8,0	µm
TI00074 Pb	0,000000 - 0,000300	%
TI00074 Cd	0,000000 - 0,000100	%
TI00075 Sb	0,000000 - 0,000100	%
TI00075 As	0,000000 - 0,000100	%
TI00075 Hg	0,000000 - 0,000100	%
TI00247 pH of 10% aqueous suspension	3,0 - 8,0	
TI00147 synthetic fluorphlogopite	55,0 - 75,0	%
TI00076 Ba	0,000000 - 0,001000	%
TI00076 Co	0,000000 - 0,001000	%
TI00076 Cr	0,000000 - 0,001000	%
TI00076 Cu	0,000000 - 0,001000	%
TI00076 Ni	0,000000 - 0,001000	%
TI00076 Zn	0,000000 - 0,001000	%
TI00027 iron oxide	25,0 - 45,0	%
total shelf life in month: 36		

EC-safety data sheet-no. 020450MJ0

Other remarks:

INCI name	CI No.	CAS No.	EINECS No.
synthetic fluorphlogopite		12003-38-2	234-426-5
iron oxides	77499	1317-61-9	215-277-5

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.

Draft

Approval

Release

Technical services

Production

Quality control

technical data sheet

Draft	Approval	Release
Technical services	Production	Quality control
31.01.2025	31.01.2025	31.01.2025
31.01.2025	31.01.2025	31.01.2025

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