

**Date of impression** 29.03.2019/09:36:18  
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**edition** 07.02.2018

**material denomination** **SYNCRYSTAL Sparkling Red**  
**material-no.** 022466  
**material description** Free flowing white powder with a sparkle red reflection colour comprising platelets of synthetic fluorophlogopite coated with titanium dioxide and small amounts of tin oxide

<b>insp. characteristic</b>	<b>specification</b>	<b>unit</b>
visual and colorimetric evaluation	pass	
TI00127 D 50	54,0 - 68,0	µm
TI00154 tot. amount of bacteria	<= 100	cfu/g
TI00154 yeast and mould	<= 100	cfu/g
TI00027 titanium dioxide	23,0 - 33,0	%
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 fluorophlogopite	66,0 - 77,0	%
TI00076 Co	0,0000 - 0,0010	%
TI00076 Cr	0,0000 - 0,0010	%
TI00076 Ni	0,0000 - 0,0010	%
TI00000 pathogens	negative	

total shelf life in month: 120

EC-safety data sheet-no. 022466ZZ1

Other remarks:

INCI name	CI No.	CAS No.	EINECS No.
synthetic fluorophlogopite		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.

**quality control department**