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**edition** 15.11.2020

**material denomination** **VISIONAIRE Bright Splendid Red 34**

**material-no.** 041711JS0

**material description** Free flowing metallic powder with a red reflection colour comprising platelets based on aluminum powder (CI 77000) coated with silica and Red 34 (CI 15880)

**material specification**

insp. characteristic	specification	unit
TI00288 D 50	27,7 - 30,7	µm
TI00005 sieving < 45 µm	95,0 - 100,0	%
TI00005 sieving < 71 µm	99,9 - 100,0	%
TI00211 As	0,0000 - 0,0002	%
TI00212 Cd	0,00000 - 0,00010	%
TI00211 Hg	0,00000 - 0,00010	%
TI00212 Pb	0,0000 - 0,0010	%
TI00147 aluminium powder (CI 77000)	75,0 - 83,0	%
TI00239 silica	13,0 - 17,0	
TI00154 total aerobic bacteria count	0 - 100	cfu/g
TI00154 total yeast & mould count	0 - 100	cfu/g
TI00147 Red 34 (CI 15880)	4,0 - 8,0	%
TI00000 pathogens	absent	
visual and colorimetric evaluation	pass	

total shelf life in month: 48

EC-safety data sheet-no. 041711JS0

Other remarks:

INCI name	CI No.	CAS No.	EINECS No.
aluminum powder	77000	7429-90-5	231-072-3
Red 34	15880	6417-83-0	229-142-3
silica		7631-86-9	231-545-4

We confirm that the raw material is in consistence with the relevant European Cosmetics Directives for all intended cosmetics uses of the pigment.

The Aluminum powder is in compliance with 21 CFR 73.1645 and 73.2645. However, the raw material is restricted according to CFR 74.2334 and only can be used for external applied cosmetics in amount consistent with current good manufacturing practice.

Aluminum Pigments potentially can cause formation of hydrogen gas in contact with any water containing or water based formulations.

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	Approval	Release
Technical services	Production	Quality control
15.11.2020	15.11.2020	15.11.2020
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Technical services	Production	Quality control
15.11.2020	15.11.2020	15.11.2020

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