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**edition** 09.01.2024

**material denomination** **MIRAGE Bright Red**  
**material-no.** 037215ML0  
**material description** Free flowing powder with a red reflection colour comprising platelets of calcium sodium borosilicate coated with titanium dioxide and small amounts of tin oxide



**material specification**

| <b>insp. characteristic</b>          | <b>specification</b> | <b>unit</b> |
|--------------------------------------|----------------------|-------------|
| Ti00000 pathogens                    | absent               |             |
| visual and colorimetric evaluation   | pass                 |             |
| Ti00027 titanium dioxide             | 25,0 - 35,0          | %           |
| Ti00027 tin oxide                    | <= 1,0               | %           |
| Ti00074 Cd                           | <= 0,00010           | %           |
| Ti00074 Pb                           | <= 0,0010            | %           |
| Ti00075 As                           | <= 0,0001            | %           |
| Ti00075 Hg                           | <= 0,00010           | %           |
| Ti00075 Sb                           | <= 0,0002            | %           |
| Ti00076 Zn                           | <= 0,0010            | %           |
| Ti00076 Cu                           | <= 0,0010            | %           |
| Ti00076 Ba                           | <= 0,0010            | %           |
| Ti00076 Ni                           | <= 0,0010            | %           |
| Ti00076 Co                           | <= 0,0010            | %           |
| Ti00076 Cr                           | <= 0,0010            | %           |
| Ti00122 pH of 10% aqueous suspension | 7,0 - 11,0           |             |
| Ti00127 D 50                         | 25,0 - 35,0          | µm          |
| Ti00147 calcium sodium borosilicate  | 64,0 - 75,0          | %           |
| Ti00154 total aerobic bacteria count | <= 100               | cfu/g       |
| Ti00154 total yeast & mould count    | <= 100               | cfu/g       |

total shelf life in month: 120

EC-safety data sheet-no. 037215ML0

Other remarks:

| INCI name                   | CI No. | CAS No.    | EINECS No. |
|-----------------------------|--------|------------|------------|
| calcium sodium borosilicate |        | 65997-17-3 | 266-046-0  |
| 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.

## technical data sheet

Draft

Technical services

09.01.2024

Approval

Production

09.01.2024

Release

Quality control

09.01.2024

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