material denomination  **SYNCRYSTAL Soft Autumn Gold**
material-no.  023534
material description  Free flowing powder with an intense gold reflection color comprising platelets of synthetic fluorophlogopite

material specification

<table>
<thead>
<tr>
<th>insp. characteristic</th>
<th>specification</th>
<th>unit</th>
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<tbody>
<tr>
<td>visual and colorimetric evaluation</td>
<td>pass</td>
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</tr>
<tr>
<td>T100127 D 50</td>
<td>8,0 - 12,0</td>
<td>µm</td>
</tr>
<tr>
<td>T100154 total aerobic bacteria count</td>
<td>&lt;= 100</td>
<td>cfu/g</td>
</tr>
<tr>
<td>T100154 total yeast &amp; mould count</td>
<td>&lt;= 100</td>
<td>cfu/g</td>
</tr>
<tr>
<td>T100027 titanium dioxide</td>
<td>58,0 - 68,0</td>
<td>%</td>
</tr>
<tr>
<td>T100027 tin oxide</td>
<td>0,0 - 1,0</td>
<td>%</td>
</tr>
<tr>
<td>T100074 Pb</td>
<td>0,0000 - 0,0001</td>
<td>%</td>
</tr>
<tr>
<td>T100074 Cd</td>
<td>0,0000 - 0,0001</td>
<td>%</td>
</tr>
<tr>
<td>T100075 Sb</td>
<td>0,0000 - 0,0001</td>
<td>%</td>
</tr>
<tr>
<td>T100075 As</td>
<td>0,0000 - 0,0001</td>
<td>%</td>
</tr>
<tr>
<td>T100075 Hg</td>
<td>0,0000 - 0,001</td>
<td>%</td>
</tr>
<tr>
<td>T100247 pH of 10% aqueous suspension</td>
<td>5,0 - 10,0</td>
<td>%</td>
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<tr>
<td>T100147 synthetic fluorophlogopite</td>
<td>18,0 - 36,0</td>
<td>%</td>
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<tr>
<td>T100076 Co</td>
<td>0,0000 - 0,0010</td>
<td>%</td>
</tr>
<tr>
<td>T100076 Cr</td>
<td>0,0000 - 0,0010</td>
<td>%</td>
</tr>
<tr>
<td>T100076 Ni</td>
<td>0,0000 - 0,0010</td>
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<tr>
<td>T100027 iron oxide</td>
<td>6,0 - 13,0</td>
<td>%</td>
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<tr>
<td>T100000 pathogens</td>
<td>absent</td>
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total shelf life in month: 120

EC-safety data sheet-no. 023534ZZ1

Other remarks:

<table>
<thead>
<tr>
<th>INCI name</th>
<th>CI No.</th>
<th>CAS No.</th>
<th>EINECS No.</th>
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<tbody>
<tr>
<td>synthetic fluorophlogopite</td>
<td>77891</td>
<td>12003-38-2</td>
<td>234-426-5</td>
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<tr>
<td>titanium dioxide</td>
<td>77491</td>
<td>1309-37-1</td>
<td>215-168-2</td>
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<tr>
<td>iron oxides</td>
<td></td>
<td>13463-67-7</td>
<td>236-675-5</td>
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<tr>
<td>tin oxide</td>
<td></td>
<td>18282-10-5</td>
<td>242-159-0</td>
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</tbody>
</table>

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

<table>
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<tr>
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<th>Release</th>
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<tbody>
<tr>
<td>Technical services</td>
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<td>Quality control</td>
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<tr>
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