Radglo ICE-P

General information

General description:
- Phosphorescent pigments for cosmetic applications that meets the purity specifications outlined by US FDA (Consult 21CFR73.2995 for specifications and use restrictions).
- Luminescent Zinc Sulfide compound.

Advised applications according US FDA:
- Externally applied facial makeup and nail polish.

Product features:
- Responds quickly to excitation by daylight, incandescent, fluorescent or ultraviolet light and produces a bright green emission color.
- Afterglow is depending on pigment concentration, surface area and the amount of energy absorbed.
- For facial makeup preparations amount of ICE-P-11 shall not exceed 10% by weight of the final product. Only suitable for limited, infrequent occasions and not for regular or daily use.(1)
- Do not use in the area of the eyes(1).

Technical information(2)

<table>
<thead>
<tr>
<th>Identification Data</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>INCI name</td>
<td>Phosphorescent Zinc Sulfide</td>
</tr>
<tr>
<td>Chemical name</td>
<td>Zinc sulfide (ZnS), copper chloride-doped</td>
</tr>
<tr>
<td>Color index number</td>
<td>None</td>
</tr>
<tr>
<td>CAS number</td>
<td>68611-70-1</td>
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<tr>
<td>EC number</td>
<td>271-904-2</td>
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<table>
<thead>
<tr>
<th>Chemical Specifications</th>
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<tbody>
<tr>
<td>Zinc sulfide</td>
</tr>
<tr>
<td>Copper</td>
</tr>
<tr>
<td>Lead</td>
</tr>
<tr>
<td>Arsenic</td>
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<tr>
<td>Mercury</td>
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<td>Cadmium</td>
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<tr>
<th>Physical properties</th>
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<tbody>
<tr>
<td>Delivery form</td>
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<tr>
<td>Daylight body color</td>
</tr>
<tr>
<td>Afterglow color</td>
</tr>
<tr>
<td>Average particle size</td>
</tr>
<tr>
<td>Afterglow intensity @ 1 min (mcd/m²)</td>
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<tr>
<td>Afterglow intensity @ 10 min (mcd/m²)</td>
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<tr>
<td>Afterglow intensity @ 60 min (mcd/m²)</td>
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<tr>
<td>Emission peak (nm)</td>
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Standard color:

<table>
<thead>
<tr>
<th>Product name</th>
<th>Description</th>
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<tr>
<td>ICE-P-11</td>
<td>Phosphorescent Zinc Sulfide</td>
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</tbody>
</table>

Packaging:
1box = 5kg (1x5kg)
1box = 20kg (1x20kg)
MOQ = 5kg

Storage & shelf life:
120 months after production date when kept in closed original packaging in a dry place at ambient temperature.

Safety & regulatory:
Safety Data Sheet available on request.

(1) According US FDA 21CFR73.2995

(2) Test methods and Certificate of Analysis (COA) available on request.
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