



# Shanghai King Chemical Co.,Ltd

Tel: +86-21-67817854 Fax: +86-21-67817855

Address: ROOM CDEF , 9th Floor, Building D, Weijing Center Tower  
NO.2337 GuDai Road, Minhang District, Shanghai, China

## TECHNICAL DATA SHEET **SSP-200 FORMALDEHYDE-FREE FLUORESCENT PIGMENTS**

SSP-200 Series are formaldehyde-free fluorescent pigments with fine particle size, **good brightness and limited washing-fastness** for applications like textile printings, water-based coatings and artist paints. SSP-200 can meet requirements for no formaldehyde content and make the use much greener.

<b>Features and Benefits</b>	<ul style="list-style-type: none"><li>■ Formaldehyde free</li><li>■ Excellent brightness and color strength</li><li>■ Heavy metal content compliant with EN 71-3 requirements for toys</li></ul>								
<b>Main Applications</b>	<ul style="list-style-type: none"><li>■ Textile printings</li><li>■ Water-based coatings/inks</li><li>■ Craft and hobby paints</li></ul>								
<b>Physical &amp; Chemical Properties</b>	<table><tbody><tr><td>Average Particle Size</td><td>≤5μm</td></tr><tr><td>Softening range</td><td>140-170℃</td></tr><tr><td>Oil Absorption</td><td>65g oil/100g pigments</td></tr><tr><td>Color strength(compared with the standard)</td><td>100±5%</td></tr></tbody></table>	Average Particle Size	≤5μm	Softening range	140-170℃	Oil Absorption	65g oil/100g pigments	Color strength(compared with the standard)	100±5%
Average Particle Size	≤5μm								
Softening range	140-170℃								
Oil Absorption	65g oil/100g pigments								
Color strength(compared with the standard)	100±5%								
<b>Lightfastness</b>	<p>Fluorescent pigments are stable to indoor light or outdoor conditions without direct sunlight. By exposure to outdoor sunlight the color will change, whereby the degree of fading is depending on following factors:</p> <ul style="list-style-type: none"><li>■ Color of the pigment</li><li>■ Type of polymer carrier</li><li>■ Intensity of the incident sunlight.</li><li>■ Pigment loading and thickness of the end product. The higher the pigment concentration is, the better the lightfastness is.</li></ul> <p><b>The lightfastness may be improved by including UV- absorber(s) in the formulation and/or by making use of clear overcoats containing UV-absorber(s).</b></p>								



# Shanghai King Chemical Co.,Ltd

Tel: +86-21-67817854 Fax: +86-21-67817855

Address: ROOM CDEF , 9th Floor, Building D, Weijing Center Tower  
NO.2337 GuDal Road, Minhang District, Shanghai, China

## Special features

**SSP-200 Pigments offer uncompromising performance of traditional fluorescent pigments and do not contain the following chemicals:**

- Formaldehyde
- Amines Derived from Azocolourants and Azodyes
- Chlorinated Benzenes and Toluenes
- Nonylphenol (NP) and Octylphenol (OP)
- Nonylphenol Ethoxylates(NPEO)and Octylphenol Ethoxylates(OPEO)
- Pentachlorophenol (PCP)
- Tetrachlorophenol (TeCP)
- Trichlorophenol (TriCP)
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Phthalate
- Extractable Heavy Metals

## Storage

SSP-200 Series fluorescent pigments are delivered in bags with PE lining, net weight 25kg. It should be kept in cool place and away from heat. All opened bags should be carefully resealed immediately after use.

## Toxicity

SSP-200 Series fluorescent pigments are essentially non-toxic and non-hazardous with extremely low heavy-metal content. Material safety data sheet (MSDS) is available upon request.

## AVAILABLE COLORS

SSP-210	Lemon Yellow	SSP-216	Orange Yellow
SSP-211	Pink	SSP-217	Yellow
SSP-213	Red	SSP-218	Green
SSP-214	Red orange	SSP-221	Magenta
SSP-215	Orange		

**Disclaimer:** Our technical advice, information and statements, given verbally, in writing or in the form of test results, are offered for your guidance without warranty. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. Our guarantee is limited to the consistent quality of our products.