Hangzhou AiBai Chemical Co.,Ltd

Factory addr: Yipeng Xiaoshan Hangzhou Tel: 86-571-22673158 Fax: 86-571-83735088 Web: www.xcolorpigment.com

Material Safety Data Sheet

According to 91/155/EEC and ISO 11014-1

Printing date: 2016/01/15

1. Identification of substance and of the company

   Trade Name: PIGMENT YELLOW 83
   Hangzhou AiBai Chemical Co., Ltd
   Room 2316, Building 17, Kaiyuan California Sunshine Plaza
   Xiaoshan Hangzhou China
   TEL: +86-571-22673158 FAX: +86-571-83885208

2. Composition/Data on components

   Substance: Pigment Yellow 83
   CAS No: 5567-15-7  EEC Symbol: None      R-Phrases: None

3. Hazards identification

   No hazardous effects known
   The product is not a substance subject to mandatory marking in accordance with the EEC Directive 67/584/EEC or amendments

4. First Aid measures

   After inhalation: Supply fresh air.
   After eye contact: Flush with plenty of pressure water for 15 minutes, occasionally raising eye lids.
   After skin contact: Wash skin with mild soap and water.

5. Fire fighting measures

   Suitable extinguishing media: no restriction
   Special hazards caused by the material, its combustion products or resultant gases: none
   Special personal protection equipment: none

6. Accidental release

   Environmental protection conduct: Do not sweep or wash into public stretches of water, sewers or sites of unknown discharge paths.
   After spillage/leakage/gas/leakage:
   Clean up immediately with wetting or absorbent material avoiding dusting.

7. Handling and storage

   Handling:
   Usual precautions for nuisance dust should be observed.
   Protection against fire and explosion:
   The product is non-flammable
   Storage:
   Store in roofed places at room temperature. Keep containers tightly sealed.
   Flammability Class: Not applicable

8. Exposure controls/personal protection

   Additional notes for design of plants equipment:
   No farther details, see sec7
   Components with workplace-related limits to be monitored:
   
<table>
<thead>
<tr>
<th>Designation</th>
<th>%</th>
<th>Type of data</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nuisance dust</td>
<td>100</td>
<td>MAK</td>
<td>6 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TLV/TWA(USA)</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

   Personal protection equipment:
   Respiratory protection:
   An appropriate dust fixer has to be used if a breathable dust liberated.
## Material Safety Data Sheet

According to 91/155/EEC and ISO 11014-1

### Trade name:

**PIGMENT YELLOW 83**

### Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>yellow powder</td>
</tr>
<tr>
<td>Odor</td>
<td>mild</td>
</tr>
<tr>
<td>Melting point</td>
<td>°C</td>
</tr>
<tr>
<td>Decomposition</td>
<td>None</td>
</tr>
<tr>
<td>Flammability</td>
<td>see handling</td>
</tr>
<tr>
<td>Molecular formula: C_{36}H_{32}Cl_{4}N_{6}Os</td>
<td>Molecular Weight: 818.49</td>
</tr>
<tr>
<td>Tinting strength: 95-105% of the standard</td>
<td></td>
</tr>
<tr>
<td>Soluble matter in water: 1.5% max</td>
<td></td>
</tr>
<tr>
<td>Volatile matter at 105°C: 2.5% max</td>
<td></td>
</tr>
<tr>
<td>Oil absorption: 45-55%</td>
<td></td>
</tr>
<tr>
<td>Fastness to light: 7-8</td>
<td></td>
</tr>
<tr>
<td>Fastness to heat (°C): 200</td>
<td></td>
</tr>
<tr>
<td>Bleeding resistance water: 5</td>
<td></td>
</tr>
<tr>
<td>Bleeding resistance linseed oil: 5</td>
<td></td>
</tr>
<tr>
<td>Bleeding resistance acid: 5</td>
<td></td>
</tr>
<tr>
<td>Bleeding resistance alkalis: 5</td>
<td></td>
</tr>
<tr>
<td>Bleeding resistance alcohol: 5</td>
<td></td>
</tr>
<tr>
<td>Bleeding resistance xylone: 4</td>
<td></td>
</tr>
<tr>
<td>Bleeding resistance ethyl acetate: 4</td>
<td></td>
</tr>
</tbody>
</table>

### Stability and reactivity

Hazardous decomposition products
No decomposition at proper storage and application conditions

### Toxicological Information

Because of experience with product mentioned, there are no recognizable hazards for human beings, if it is correctly used and applied.

### Ecological information

Avoid filtration into waste draining or soil.

### Disposal considerations

Uses should acquaint themselves with local regulations.
Disposal is usually carried out by burying at an approved tip or by incineration by a licensed waste material processor; stack gases may need to be scrubbed (see section 5 above)

### Transport information

No declaration for transport required.

### Regulatory information

Classified according to the Directives 67/548/EEC, and their various amendments, and labeled as below:
- **Warning symbols:** None
- **Warning words:** None
- **Risk Phrases:** None
- **Safety Phrases:** None

### Other information

Listed in EINECS and TSCA inventories.
Intended uses: Paints.
References:
- (1) Occupational Exposure Limits, EH/40 (HSE)
- (2) Deutsche Forschungs gemeinschaft MAK- & BAT-Values.