Hangzhou AiBai Chemical Co., Ltd

Factory add: Yipeng Xiaoshan Hangzhou Tel: 86-571-22673156 Fax: 86-571-83885208 Web: www.xcolorpigment.com

Material Safety Data Sheet

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

Printing date: 2016/01/15 Page:1/2

1. Identification of substance and of the company

   Trade Name: PIGMENT BLUE 15:6
   Hangzhou AiBai Chemical Co., Ltd
   Room 2316, Building 17 Kailuan California Sunshine Plaza
   Xiaoshan Hangzhou China
   TEL: +86-571-22673158  FAX: +86-571-83885208

2. Composition/Data on components

   Substance: Pigment Blue 15:6
   CAS No: 147-14-8    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: nor 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:
   Designation % Type of data Unit
   Nuisance dust 100 % MAK 6 mg/m3
                        TLV/TWA(USA) 10 mg/m3
   Personal protection equipment:
   Respiratory protection: An appropriate dust fixer has to be used if a breathable dust liberated.
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<table>
<thead>
<tr>
<th>Trade name:</th>
<th>PIGMENT BLUE 15:6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9. Physical and chemical properties</strong></td>
<td></td>
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<tr>
<td>Appearance: blue powder</td>
<td>Odor: mild</td>
</tr>
<tr>
<td>Melting point: 480°C</td>
<td>Relative density: 1.61</td>
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<tr>
<td>Decomposition: None</td>
<td>Flammability: see 7 handling</td>
</tr>
<tr>
<td>Molecular formula: C₃₂H₁₆CuN₈</td>
<td>Molecular Weight: 576.07</td>
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<tr>
<td>Tinting strength: 95-105% of the standard</td>
<td>Volatile matter at 105°C: 2.5% max</td>
</tr>
<tr>
<td>Soluble matter in water: 1.5% max</td>
<td>Oil absorption: 34-85%</td>
</tr>
<tr>
<td>Fastness to light: 7-8</td>
<td>Fastness to heat(°C): 200</td>
</tr>
<tr>
<td>Bleeding resistance water: 5</td>
<td>Bleeding resistance linseed oil: 5</td>
</tr>
<tr>
<td>Bleeding resistance acid: 5</td>
<td>Bleeding resistance alkalis: 5</td>
</tr>
<tr>
<td>Bleeding resistance alcohol: 5</td>
<td>Bleeding resistance xylene: 5</td>
</tr>
</tbody>
</table>

| **10. Stability and reactivity** | |
| Hazardous decomposition products | No decomposition at proper storage and application conditions |

**11. Toxicological Information**

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

**12. Ecological information**

Avoid filtration into waste draining or soil.

**13. 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 sorubbed (see section 5 above)

**14. Transport information**

No declaration for transport required.

**15. 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

**16. Other information**

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