Material Safety Data Sheet

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

Printing date: 2015/07/15  Page:1/2

1. Identification of substance and of the company

   Trade Name: PIGMENT VIOLET 3
   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 Violet 3
   CAS No: 1325-82-2  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:

<table>
<thead>
<tr>
<th>Designation</th>
<th>Type of data</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nuisance dust</td>
<td>MAK</td>
<td>6 mg/m3</td>
</tr>
<tr>
<td></td>
<td>TLV/TWA(USA)</td>
<td>10 mg/m3</td>
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</tbody>
</table>

   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 VIOLET 3</th>
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</thead>
<tbody>
<tr>
<td><strong>9. Physical and chemical properties</strong></td>
<td></td>
</tr>
<tr>
<td>Appearance: violet powder</td>
<td>Odor: mild</td>
</tr>
<tr>
<td>Melting point:</td>
<td>Relative density: 2.1-2.3</td>
</tr>
<tr>
<td>Decomposition: None</td>
<td>Flammability: see 7 handling</td>
</tr>
<tr>
<td>Molecular formula: C24H28N3+</td>
<td>Molecular Weight: 358.5</td>
</tr>
<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:  ≤ 40</td>
</tr>
<tr>
<td>Fastness to light: 6</td>
<td>Fastness to heat (°C): 120</td>
</tr>
<tr>
<td>Bleeding resistance water: 5</td>
<td>Bleeding resistance linseed oil: 4</td>
</tr>
<tr>
<td>Bleeding resistance acid: 2-3</td>
<td>Bleeding resistance alkalis: 4-5</td>
</tr>
<tr>
<td>Bleeding resistance alcohol: 3</td>
<td>Bleeding resistance xylene: 5</td>
</tr>
<tr>
<td>Bleeding resistance ethyl acetate: 3</td>
<td></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.0 | |
| Intended uses: Paints. | |
| References: (1)Occupational Exposure Limits, EH/40(HSE) | |
| (2)Deutsche Forschungs gemeinschaft MAK-& BAT-Values. | |