Material Safety Data Sheet

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

Printing date: 2016/03/01

1. **Identification of substance and of the company**
   - **Trade Name**: Pigment Red 112
   - **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 Red 112
   - **CAS No**: 6535-46-2
   - **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 further 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: Pigment Red 112</th>
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9. **Physical and chemical properties**

Appearance: Red powder  
Odor: mild  
Melting point: 290°C  
Relative density: 1.38-1.65  
Decomposition: None  
Molecular Weight: 484.76  
Molecular formula: C_{24}H_{16}Cl_{3}N_{3}O_{2}  
Tinting strength: 95-105% of the standard  
Soluble matter in water: 1.5% max  
Volatile matter at 105°C: 2.5% max  
Relative density: 1.38-1.65  
Fastness to light: 8  
Flammability: see 7 handling  
Bleeding resistance water: 5  
Bleeding resistance linseed oil: 5  
Bleeding resistance acid: 5  
Bleeding resistance alkalis: 5  
Bleeding resistance alcohol: 5  
Bleeding resistance xylone: 4-5  

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 scrubbed (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:

<table>
<thead>
<tr>
<th>Warning symbols: None</th>
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<tbody>
<tr>
<td>Warning words: None</td>
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<tr>
<td>Risk Phrases: None</td>
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<tr>
<td>Safety Phrases: None</td>
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</tbody>
</table>

16. **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.  