

# Hangzhou AiBai Chemical Co.,Ltd

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## Material Safety Data Sheet

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

Printing date: 2015/11/01

Page:1/2

| <b>1. Identification of substance and of the company</b><br><br><b>Trade Name:</b> Pigment Red 49:2<br>Hangzhou AiBai Chemical Co.,Ltd<br>Room 2316,Building 17 Kaiyuan California Sunshine Plaza<br>Xiaoshan Hangzhou China<br>TEL: +86-571-22673158 FAX: +86-571-83885208   |             |              |                      |      |               |     |     |                     |              |                      |
|---|-------------|--------------|----------------------|------|---------------|-----|-----|---------------------|--------------|----------------------|
| <b>2. Composition/Data on components</b><br><br>Substance: Pigment Red 49:2<br>CAS No: 1103-39-5 EEC Symbol: None R-Phrases: None   |             |              |                      |      |               |     |     |                     |              |                      |
| <b>3. Hazards identification</b><br><br>No hazardous effects known<br>The product is not a substance subject to mandatory marking in accordance with the EEC Directive 67/584/EEC Or amendments   |             |              |                      |      |               |     |     |                     |              |                      |
| <b>4. First Aid measures</b><br><br><b>After inhalation:</b> Supply fresh air.<br><b>After eye contact:</b> Flush with plenty of pressure water for 15 minutes, occasionally raising eye lids.<br><b>After skin contact:</b> Wash skin with mild soap and water.  |             |              |                      |      |               |     |     |                     |              |                      |
| <b>5. Fire fighting measures</b><br><br><b>Suitable extinguishing media:</b> no restriction<br><b>Special hazards caused by the material, its combustion products or resultant gases:</b> none<br><b>Special personal protection equipment:</b> none  |             |              |                      |      |               |     |     |                     |              |                      |
| <b>6. Accidental release</b><br><br><b>Environmental protection conduct:</b> Do not sweep or wash into public stretches of water, sewers or sites of unknown discharge paths.<br><b>After spillage/leakage/gas/ leakage:</b><br>Clean up immediately with wetting or absorbent material avoiding dusting.   |             |              |                      |      |               |     |     |                     |              |                      |
| <b>7. Handling and storage</b><br><br><b>Handling:</b><br>Usual precautions for nuisance dust should be observed.<br><b>Protection against fire and explosion:</b><br>The product is non-flammable<br><b>Storage:</b><br>Store in roofed places at room temperature Keep containers tightly sealed.<br><b>Flammability Class:</b> nor applicable.   |             |              |                      |      |               |     |     |                     |              |                      |
| <b>8. Exposure controls/personal protection</b><br><br><b>Additional notes for design of plants equipment:</b><br>No farther details, see sec7<br><b>Components with workplace-related limits to be monitored:</b> <table border="1"><thead><tr><th>Designation</th><th>%</th><th>Type of data</th><th>Unit</th></tr></thead><tbody><tr><td rowspan="2">Nuisance dust</td><td rowspan="2">100</td><td>MAK</td><td>6 mg/m<sup>3</sup></td></tr><tr><td>TLV/TWA(USA)</td><td>10 mg/m<sup>3</sup></td></tr></tbody></table><br><b>Personal protection equipment:</b><br><b>Respiratory protection:</b><br>An appropriate dust fixer has to be used if a breathable dust liberated. | Designation | %            | Type of data         | Unit | Nuisance dust | 100 | MAK | 6 mg/m <sup>3</sup> | TLV/TWA(USA) | 10 mg/m <sup>3</sup> |
| Designation   | %           | Type of data | Unit                 |      |               |     |     |                     |              |                      |
| Nuisance dust   | 100         | MAK          | 6 mg/m <sup>3</sup>  |      |               |     |     |                     |              |                      |
|   |             | TLV/TWA(USA) | 10 mg/m <sup>3</sup> |      |               |     |     |                     |              |                      |

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Printing date: 2015/11/01

Page:2/2

**Trade name:** Pigment Red 49:2

## **9. Physical and chemical properties**

|   |                                    |
|---|------------------------------------|
| Appearance: Red powder  | Odor: mild                         |
| Melting point: °C   | Relative density:1.38-1.96         |
| Decomposition: None   | Flammability: see 5 handling       |
| Molecular formula:C <sub>20</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> S | Molecular Weight: 378.40           |
| Tinting strength: 95-105% of the standard   | Volatile matter at 105°C: 2.5%max  |
| Soluble matter in water: 1.5% max   | Oil absorption: 40-50 %            |
| Fastness to light: 5  | Fastness to heat(°C):160           |
| Bleeding resistance water: 3  | Bleeding resistance linseed oil: 3 |
| Bleeding resistance acid: 5   | Bleeding resistance alkalis:3      |
| Bleeding resistance alcohol: 3  | Bleeding resistance xylone:3       |
| Bleeding resistance ethyl acetate: 2-3  |                                    |

## **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 waster 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 varions 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 gerneinschaft MAK-& BAT-Values.  
-(3)A.C.D.Cowley, Polymers Paint Journal, August 7/21, 1985.