

# Hangzhou AiBai Chemical Co.,Ltd

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## Material Safety Data Sheet

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

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<b>1. Identification of substance and of the company</b>  <b>Trade Name:</b> PIGMENT RED 146 Hangzhou AiBai Chemical Co.,Ltd Room 2316,Building 17 Kaiyuan California Sunshine Plaza Xiaoshan Hangzhou China TEL: +86-571-22673158 FAX: +86-571-83885208										
<b>2. Composition/Data on components</b>  Substance: Pigment Red 146 CAS No: 52-68-2 EEC Symbol: None R-Phrases: None										
<b>3. Hazards identification</b>  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										
<b>4. First Aid measures</b>  <b>After inhalation:</b> Supply fresh air. <b>After eye contact:</b> Flush with plenty of pressure water for 15 minutes, occasionally raising eye lids. <b>After skin contact:</b> Wash skin with mild soap and water.										
<b>5. Fire fighting measures</b>  <b>Suitable extinguishing media:</b> no restriction <b>Special hazards caused by the material, its combustion products or resultant gases:</b> none <b>Special personal protection equipment:</b> none										
<b>6. Accidental release</b>  <b>Environmental protection conduct:</b> Do not sweep or wash into public stretches of water, sewers or sites of unknown discharge paths. <b>After spillage/leakage/gas/ leakage:</b> Clean up immediately with wetting or absorbent material avoiding dusting.										
<b>7. Handling and storage</b>  <b>Handling:</b> Usual precautions for nuisance dust should be observed. <b>Protection against fire and explosion:</b> The product is non-flammable <b>Storage:</b> Store in roofed places at room temperature Keep containers tightly sealed. <b>Flammability Class:</b> nor applicable.										
<b>8. Exposure controls/personal protection</b>  <b>Additional notes for design of plants equipment:</b> No farther details, see sec7 <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> <b>Personal protection equipment:</b> <b>Respiratory protection:</b> 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>							
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<b>Trade name:</b> PIGMENT RED 146
<b>9. <u>Physical and chemical properties</u></b>  Appearance: Red powder Melting point: 318-322°C Decomposition: None Molecular formula: C <sub>23</sub> H <sub>27</sub> ClN <sub>4</sub> O <sub>6</sub> Tinting strength: 95-105% of the standard Soluble matter in water: 1.5% max Fastness to light: 7 Bleeding resistance water: 4 Bleeding resistance acid: 4 Bleeding resistance alcohol: 5 Bleeding resistance ethyl acetate: 4  Odor: mild Relative density: 1.35-1.40 Flammability: see 7 handling Molecular Weight: 611.04 Volatile matter at 105°C: 2.5% max Oil absorption: 40-50% Fastness to heat(°C): 190 Bleeding resistance linseed oil: 5 Bleeding resistance alkalis: 4 Bleeding resistance xylone: 4
<b>10. <u>Stability and reactivity</u></b>  Hazardous decomposition products No decomposition at proper storage and application conditions
<b>11. <u>Toxicological Information</u></b>  Because of experience with product mentioned, there are no recognizable hazards for human beings, if it is correctly used and applied.
<b>12. <u>Ecological information</u></b>  Avoid filtration into waster draining or soil.
<b>13. <u>Disposal considerations</u></b>  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)
<b>14. <u>Transport information</u></b>  No declaration for transport required.
<b>15. <u>Regulatory information</u></b>  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
<b>16. <u>Other information</u></b>  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.