

# 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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1. **Identification of substance and of the company**  
  
**Trade Name:** PIGMENT RED 48:1  
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 48:1  
CAS No: 7585-41-3 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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**Trade name:** PIGMENT RED 48:1

**9. Physical and chemical properties**

Appearance:red powder	Odor: mild
Melting point:	Relative density:1.8
Decomposition: None	Flammability: see 7 handling
Molecular formula:C <sub>18</sub> H <sub>15</sub> ClN <sub>2</sub> O <sub>6</sub> S	Molecular Weight: 422.84
Tinting strength: 95-105% of the standard	Volatile matter at 105 °C: 2.5%max
Soluble matter in water: 1.5% max	Oil absorption:35-45%
Fastness to light:6	Fastness to heat(°C):180
Bleeding resistance water: 4	Bleeding resistance linseed oil:5
Bleeding resistance acid:5	Bleeding resistance alkalis:3
Bleeding resistance alcohol:3	Bleeding resistance xylone:4
Bleeding resistance ethyl acetate:3-4	

**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.