

# 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 49:1  
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 49:1  
CAS No: 1103-38-4    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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## **9. Physical and chemical properties**

Appearance: Red powder	Odor: mild
Melting point: °C	Relative density: 1.8-1.9
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: 45-55 %
Fastness to light: 4	Fastness to heat (°C): 130
Bleeding resistance water: 4-5	Bleeding resistance linseed oil: 3
Bleeding resistance acid: 5	Bleeding resistance alkalis: 5
Bleeding resistance alcohol: 3	Bleeding resistance xylone: 4
Bleeding resistance ethyl acetate: 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.