

# 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 48:2  
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 48:2  
CAS No: 7023-61-2 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 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  
Melting point: °C  
Decomposition: None  
Molecular formula:  $C_{18}H_{15}ClN_2O_6S$   
Tinting strength: 95-105% of the standard  
Soluble matter in water: 1.5% max  
Fastness to light: 4-5  
Bleeding resistance water: 4-5  
Bleeding resistance acid: 5  
Bleeding resistance alcohol: 3  
Bleeding resistance ethyl acetate: 4

Odor: mild  
Relative density: 1.50-1.86  
Flammability: see 5 handling  
Molecular Weight: 422.84  
Volatile matter at 105°C: 2.5% max  
Oil absorption: 50-60%  
Fastness to heat(°C): 160  
Bleeding resistance linseed oil: 3-4  
Bleeding resistance alkalis: 4  
Bleeding resistance xylone: 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.