

# Hangzhou Xcolor Imp/Exp Co., Ltd

Add: Yipeng Xiaoshan Hangzhou Tel:86-571-83885088 Fax:86-571-83885208 Web:www.xcolor.net

## Material Safety Data Sheet

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

Printing date: 2016/02/15

Page:1/2

### 1. Identification of substance and of the company

**Trade Name:** Pigment Yellow 188  
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 Yellow 188  
CAS No:23792-68-9 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:**

<u>Designation</u>	<u>%</u>	<u>Type of data</u>	<u>Unit</u>
Nuisance dust	100	MAK	6 mg/m <sup>3</sup>
		TLV/TWA(USA)	10 mg/m <sup>3</sup>

**Personal protection equipment:**

**Respiratory protection:**

An appropriate dust fixer has to be used if a breathable dust liberated.

# Material Safety Data Sheet

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

Printing date: 2016/02/15

Page:2/2

<b>Trade name:</b> Pigment Yellow 188	
<b>9. <u>Physical and chemical properties</u></b>	
Appearance: Yellow powder	Odor: mild
Melting point: °C	Relative density: 1.6
Decomposition: None	Flammability: see 6 handling
Molecular formula: C <sub>34</sub> H <sub>30</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>4</sub>	Molecular Weight: 657.55
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
Fastness to light: 4	Fastness to heat (°C): 180
Bleeding resistance water: 5	Bleeding resistance linseed oil: 5
Bleeding resistance acid: 5	Bleeding resistance alkalis: 5
Bleeding resistance alcohol: 5	Bleeding resistance xylone: 4
Bleeding resistance ethyl acetate: 5	
<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 gemeinschaft MAK-& BAT-Values.	
-(3)A.C.D.Cowley, Polymers Paint Journal, August 7/21, 1985.	