

# Hangzhou Jiekai Chemicals Co., Ltd.

NO.227, SHIXIN BEILU RD, HANGZHOU, CHINA. Tel: 86-571-83710202 Web: www.jkpigment.com

## 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 YELLOW 55  
Hangzhou Jiekai Chemicals Co., Ltd.  
NO.227, SHIXIN BEILU RD, XIAOSHAN DISTRICT, HANGZHOU, CHINA.  
Tel: 86-571-83710202 Fax: 86-571-82163005

### **2. Composition/Data on components**

Substance: Pigment Yellow 55  
CAS No: 6358-37-8 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.

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Trade name: PIGMENT YELLOW 55			
<b>8. <u>Exposure controls/personal protection</u></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>			
<u>Designation</u>	<u>%</u>	<u>Type of data</u>	<u>Unit</u>
Nuisance dust	100	MAK	6 mg/m3
		TLV/TWA(USA)	10 mg/m3
<b>Personal protection equipment:</b>			
<b>Respiratory protection:</b>			
An appropriate dust fixer has to be used if a breathable dust liberated.			
<b>9. <u>Physical and chemical properties</u></b>			
Appearance: yellow powder		Odor: mild	
Melting point: °C		Relative density:1.4-1.43	
Decomposition: None		Flammability: see 6 handling	
Molecular formula: : C34H30Cl2N5O4		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: 35-45%	
Fastness to light:5		Fastness to heat(°C):150	
Bleeding resistance water: 5		Bleeding resistance linseed oil: 4	
Bleeding resistance acid: 5		Bleeding resistance alkalis:5	
Bleeding resistance alcohol: 5		Bleeding resistance xylone:4	
Bleeding resistance ethyl acetate: 3			
<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 informatio</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)			

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Trade name: PIGMENT YELLOW 55

### **14. Transport information**

No declaration for transport required

### **15. Regulatory information**

Classified according to the Directives 67/548/EEC, and their various 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 gemeinschaft MAK-& BAT-Values.

-(3)A.C.D.Cowley, Polymers Paint Journal, August 7/21, 1985.