

# 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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<p><b>1. <u>Identification of substance and of the company</u></b></p> <p>Trade Name: PIGMENT RED 112 Hangzhou Jiekai Chemicals Co., Ltd. NO.227, SHIXIN BEILU RD, XIAOSHAN DISTRICT, HANGZHOU, CHINA. Tel: 86-571-83710202 Fax: 86-571-82163005</p>
<p><b>2. <u>Composition/Data on components</u></b></p> <p>Substance: PIGMENT RED 112 CAS No: 6535-46-2 EEC Symbol: None R-Phrases: None</p>
<p><b>3. <u>Hazards identification</u></b></p> <p>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</p>
<p><b>4. <u>First Aid measures</u></b></p> <p><b>After inhalation:</b> Supply fresh air. <b>After eye contact:</b> Flush with plenty of pressure water for 15 minutes, occasionally raising eye lids. <b>After skin contact:</b> Wash skin with mild soap and water.</p>
<p><b>5. <u>Fire fighting measures</u></b></p> <p><b>Suitable extinguishing media:</b> no restriction <b>Special hazards caused by the material, its combustion products or resultant gases:</b> none <b>Special personal protection equipment:</b> none</p>
<p><b>6. <u>Accidental release</u></b></p> <p><b>Environmental protection conduct:</b> Do not sweep or wash into public stretches of water, sewers or sites of unknown discharge paths. <b>After spillage/leakage/gas/ leakage:</b> Clean up immediately with wetting or absorbent material avoiding dusting.</p>
<p><b>7. <u>Handling and storage</u></b></p> <p><b>Handling:</b> Usual precautions for nuisance dust should be observed. <b>Protection against fire and explosion:</b> The product is non-flammable <b>Storage:</b> Store in roofed places at room temperature Keep containers tightly sealed. <b>Flammability Class:</b> nor applicable.</p>

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## **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.

## **9. Physical and chemical properties**

Appearance: Red powder

Odor: mild

Melting point: 290°C

Relative density:1.38-1.65

Decomposition: None

Flammability: see 7handling

Molecular formula: C<sub>24</sub>H<sub>16</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 484.76

Tinting strength: 95-105% of the standard

Volatile matter at 105°C: 2.5% max

Soluble matter in water: 1.5% max

Oil absorption: 30-40%

Fastness to light:8

Fastness to heat(°C):190

Bleeding resistance water: 5

Bleeding resistance linseed oil: 5

Bleeding resistance acid: 5

Bleeding resistance alkalis:5

Bleeding resistance alcohol: 5

Bleeding resistance xylone:4-5

Bleeding resistance ethyl acetate: 4-5

## **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 informatio**

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)

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### **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.