

# Hangzhou AiBai Chemical Co.,Ltd

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## Material Safety Data Sheet

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

Printing date: 2016/01/15

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<b>1. Identification of substance and of the company</b>  <b>Trade Name:</b> PIGMENT BLUE 15:1 Hangzhou AiBai Chemical Co.,Ltd Room 2316,Building 17 Kaiyuan California Sunshine Plaza Xiaoshan Hangzhou China TEL: +86-571-22673158 FAX: +86-571-83885208												
<b>2. Composition/Data on components</b>  Substance: Pigment Blue 15:1 CAS No: 12239-87-1 EEC Symbol: None R-Phrases: None												
<b>3. Hazards identification</b>  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												
<b>4. First Aid measures</b>  <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.												
<b>5. Fire fighting measures</b>  <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												
<b>6. Accidental release</b>  <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.												
<b>7. Handling and storage</b>  <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.												
<b>8. Exposure controls/personal protection</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> <table border="1"><thead><tr><th>Designation</th><th>%</th><th>Type of data</th><th>Unit</th></tr></thead><tbody><tr><td>Nuisance dust</td><td>100</td><td>MAK</td><td>6 mg/m<sup>3</sup></td></tr><tr><td></td><td></td><td>TLV/TWA(USA)</td><td>10 mg/m<sup>3</sup></td></tr></tbody></table> <b>Personal protection equipment:</b> <b>Respiratory protection:</b> An appropriate dust fixer has to be used if a breathable dust liberated.	Designation	%	Type of data	Unit	Nuisance dust	100	MAK	6 mg/m <sup>3</sup>			TLV/TWA(USA)	10 mg/m <sup>3</sup>
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**Trade name:** PIGMENT BLUE 15:1

**9. Physical and chemical properties**

Appearance: blue powder	Odor: mild
Melting point: 480°C	Relative density: 1.65
Decomposition: None	Flammability: see 7 handling
Molecular formula: C <sub>32</sub> H <sub>16</sub> CuN <sub>8</sub>	Molecular Weight: 576.07
Tinting strength: 95-105% of the standard	Volatile matter at 105°C: 2.5% max
Soluble matter in water: 1.5% max	Oil absorption: 50%
Fastness to light: 8	Fastness to heat (°C): 200
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: 3	

**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.