

Hangzhou AiBai Chemical Co.,Ltd

Factory add:Yipeng Xiaoshan Hangzhou Tel:86-571-22673158 Fax:86-571-83735088 Web:www.xcolorpigment.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 12 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 12 CAS No: 15541-56-7/6358-85-6 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: <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/m³</td></tr><tr><td></td><td></td><td>TLV/TWA(USA)</td><td>10 mg/m³</td></tr></tbody></table> Personal protection equipment: Respiratory protection: 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 ³			TLV/TWA(USA)	10 mg/m ³
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Nuisance dust	100	MAK	6 mg/m ³									
		TLV/TWA(USA)	10 mg/m ³									

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Trade name: PIGMENT YELLOW 12	
9. <u>Physical and chemical properties</u>	
Appearance: yellow powder	Odor: mild
Melting point: 321 °C	Relative density: 1.12-1.63
Decomposition: None	Flammability: see 6 handling
Molecular formula: C ₃₂ H ₂₆ Cl ₂ N ₆ O ₄	Molecular Weight: 629.49
Tinting strength: 95-105% of the standard	Volatile matter at 105 °C: 2.5% max
Soluble matter in water: 1.5% max	Oil absorption: 45-55%
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: 4-5
Bleeding resistance alcohol: 5	Bleeding resistance xylone: 4
Bleeding resistance ethyl acetate: 4	
10. <u>Stability and reactivity</u>	
Hazardous decomposition products	
No decomposition at proper storage and application conditions	
11. <u>Toxicological Information</u>	
Because of experience with product mentioned, there are no recognizable hazards for human beings, if it is correctly used and applied.	
12. <u>Ecological information</u>	
Avoid filtration into waster draining or soil.	
13. <u>Disposal considerations</u>	
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. <u>Transport information</u>	
No declaration for transport required.	
15. <u>Regulatory information</u>	
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. <u>Other information</u>	
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.	