

Hangzhou AiBai Chemical Co.,Ltd

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Material Safety Data Sheet

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

Printing date: 2016/03/01

Page:1/2

1. Identification of substance and of the company Trade Name: PIGMENT RED 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 Red 188 CAS No: 61847-48-1 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 rowspan="2">Nuisance dust</td><td rowspan="2">100</td><td>MAK</td><td>6 mg/m³</td></tr><tr><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							
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Page:2/2

Trade name: PIGMENT RED 188
9. <u>Physical and chemical properties</u> Appearance: Red powder Melting point: 320°C Decomposition: None Molecular formula: C ₃₃ H ₂₄ Cl ₂ N ₄ O ₆ Tinting strength: 95-105% of the standard Soluble matter in water: 1.5% max Fastness to light: 7 Bleeding resistance water: 3-4 Bleeding resistance acid: 3 Bleeding resistance alcohol: 3 Bleeding resistance ethyl acetate: 3 Odor: mild Relative density: 1.43-1.45 Flammability: see 7 handling Molecular Weight: 643.47 Volatile matter at 105°C: 2.5%max Oil absorption: 40 Fastness to heat(°C): 200 Bleeding resistance linseed oil: 5 Bleeding resistance alkalis:3 Bleeding resistance xylone:3
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 gerneinschaft MAK-& BAT-Values. -(3)A.C.D.Cowley, Polymers Paint Journal, August 7/21, 1985.