

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND SUPPLIER IDENTIFICATION

Chinese name: PingBanJiaoYinYouMo

Trade name: Bauhinia Variegata

English name: Offset Printing Ink-Pantone colors

Company name: Bauhinia Variegata Ink & Chemicals (Zhongshan) Limited
Bauhinia Variegata Ink & Chemicals (Zhejiang) Limited
Bauhinia Variegata Ink & Chemicals (Hebei) Limited

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MSDS No.: BV-MSDS-OS-FP*01

Effective date: 2014.06.04

Emergency telephone: 86-532-83889090

2. HAZARD IDENTIFICATION

Risk category: NA

Invasion way: Inhalation, ingestion and skin exposure.

Health hazard: Long-term exposure has irritation to the skin and respiratory system.

Environment hazard: No data.

Flammable danger: The open fire will possibly cause combustion.

3. COMPOSITION/DATA ON COMPONENTS

Purity Mixture

Substance	CAS#	Contents (%)	Dangerous Classification
Pigment	NA	18-45	NA
Resin	68512-70-9	25-35	NA

Linseed oil	8001-26-1	15-25	NA
Soybean oil	8001-22-7		NA
Tung oil	8001-20-5		NA
Mineral oil	8042-47-5	5-15	NA
Polyethylene wax	9002-88-4	0.2-1	NA
Cobalt iso-octoate	136-52-7	0.2-1	NA
Manganese iso-octoate	15956-58-8		NA

4. FIRST AID PROCEDURES

Skin contact: Remove contaminated clothing. Wash with soap and water or use a recognized skin cleanser.

Eye contact: Remove any contact lenses. Flush with clean, fresh water for at least 15 minutes holding the eyelids apart. Seek medical attention.

Inhalation: Remove to fresh air and seek medical treatment.

Ingestion: Induce vomiting and seek medical treatment.

5. FIRE FIGHTING PROCEDURES

Hazardous characteristics: NA

Hazardous combustion product: Generates carbon monoxide and carbon dioxide during thermal decomposition.

Extinguishing method: Cut off the combustion source, and then fight the fire downwind with the extinguishing media, avoid using water. Remove the movable containers to safe place quickly, if not movable, use water spray to cool those containers and surrounding constructions to prevent them from burning at the high temperature.

Suitable extinguishing media: Foam, CO₂, Dry Powder.

6. ACCIDENTAL RELEASE PROCEDURES

Emergency treatment: The staff should evacuate from the contaminated area to safe area, cut off the combustion source, and the emergency personnel should wear bunker clothing and use no-fire tools to collect and plug the leak. Prevent the leakage to get into the sewer.

Small leakage: Absorb the spilled liquid with dinas or cotton yarn and put it in the container for further treatment.

Large leakage: Use sand or mud to prevent the spilled liquid from spreading, and there are potential dangers of toxicity when the spilled liquid enters into the sewer. Inform relevant department (especially the fire department) immediately. It would be better to keep the spilled liquid in tank for recycling in the future, if possible. When

dealing with the leakage please use the protectors.

7. STORAGE AND HANDLING

Handling: Handle gently and be cautious of collision. Keep away from source of heat and fire, and avoid direct sunlight. Avoid long-term contact with eyes and skin, and do NOT inhale the steam.

Storage: Do NOT store with oxides. Keep the containers sealed and store in a cool, dry and well ventilated place away from sources of heat and direct sunlight. Keep the temperature in the warehouse higher than 5°C.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

Maximum Acceptable Concentration (MAC): No data.

Engineering Control: Keep the workplace well ventilated.

Respiratory system protection: Wear qualified respirator when necessary.

Eyes protection: Wear chemical safety goggles when necessary.

Body protection: Wear work clothes which should be in accordance with industrial hygiene.

Hands protection: Follow the general preventive measures, wear solvent resistance gloves, such as rubber gloves.

Other protection: No data

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red gold paste

Odour: Resembles mineral oil

PH value: NA

Melting point: No data

Boiling point: No data

Relative density: No data

Relative vapour density: No data

Octanol/water partition coefficient: No data

Ignition temperature: No data

Explosion limit: No data

Dissolubility: Insoluble in water

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid contact: None.

Incompatibility: Strong oxides

Hazard of polymerization: cannot occur

Decomposition product: Carbon monoxide and carbon dioxide will produce during thermal decomposition

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data

Irritation: No data

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data

Biodegradability: No data

Abiotic degradation: No data

13. DISPOSAL CONSIDERATIONS

Properties of waste: This product is not considered hazardous waste when disposed

Disposal method: The product may be disposed of under controlled incineration

Disposal notes: None

14. TRANSPORT REGULATIONS

Dangerous goods No.: None

UN No.: None

Packaging mark: None

Packaging category: None

Packaging method: No special requirements

Notes: Do NOT crush

15. REGULATORY INFORMATION

Regulatory information: Chemical dangerous goods safety management regulations (Promulgated by the State Council on March 15, 2002);

Chemical dangerous goods safety management regulations, implementing rules (Promulgated by the Ministry of Chemical Industry and the Ministry of Labor 1992, 677);

Workplace safety rules using chemicals (Promulgated by the Ministry of Labor 1996, 423);

This product is not hazardous according to GB13690-92.

16. OTHER INFORMATION

Reference: *Commonly used hazardous chemicals safety manual; Toxic chemicals, health and safety manual; Chemical toxicity encyclopedia; Hazardous chemicals safety technical encyclopedia.*

Remark:

The information is believed to be reliable but no guarantee is implied or expressed with regard to the accuracy of this information. It's the user's responsibility to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not take any liabilities for harm caused by the use of this information.