

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product name	Photochromic Plastisol Ink (R43)
Colors	Brown, Charcoal, Cyan, Dark Blue, Gold, Magenta, Pink, Plum, Purple, Red, Rose.
Description	Photochromic dye in PVC plastisol.

2. HAZARDOUS IDENTIFICATION.

Statement of Hazard

Properties

Color Various colors according to type.
State Paste.

Main hazards

May cause sensitization by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS. S..

Hazardous ingredients

	Conc.	CAS
Decanedioic acid,bis(1,2,2,6,6-pentamethyl-4piperidiny ester)	1 - 10%	41556-26-7
Decanedioic acid, methyl (1,2,2,6,6-pentamethyl-4-piperidiny ester)	1 - 10%	82919-37-7

4. FIRST AID MEASURES

Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

Extinguishing media	Carbon oxides.
Fire hazards	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment	Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labeled containers.
Specific use	Use local or central exhaust systems to remove fumes which may arise during any heat curing operation. (These fumes often arise from sizings, starches and other coatings which have been earlier applied to the textiles being printed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear: Suitable respiratory equipment.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Approved safety goggles.

Protective equipment Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Paste.

Color Various colors according to type.

Water solubility Immiscible in water.

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity May cause sensitization by skin contact.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

16. OTHER INFORMATION**Statement of Hazard****Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

TSCA

All components are TSCA compliant.

HMIS LABELLING

HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0, PERSONAL PROTECTION: C.