

# **MATERIAL SAFETY DATA SHEET**

## **Plastisol Screen Printing Inks NON LEAD BASE**

Revised 2015 . 8. 8



### **SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identifier: Plastisol Screen Printing Ink  
WHMIS Classification: H 2 F 1 R 0 P B  
Product Use: Silk Screen Printing  
Manufacturer's Name: All-Tex Inks, Corp  
Street Address: 14650 Firestone Blvd, La Mirada CA 90703  
Telephone: (714) 562-8881  
Emergency Telephone: (800) 424-9300 (Chemtrec)

### **SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients: Brown Pigment, Blue Pigment, Yellow Pigment, Black Pigment, Red Pigment, Orange Pigment, Ferrite Yellow Pigment, Green Pigment, Chlorinate, Mix Plasticizers, Fumed Silica, Microspheres, Foaming Agent, Calcium Oxide, Clay, Epoxy, PVC. TIO<sub>2</sub>, Plastisol additives

### **SECTION 3 — HAZARDS IDENTIFICATION**

#### **PROP 65 WARNING This product contains DINP**

Warnings For Health: May cause mild eye and skin irritation.  
Special Harm: Individuals chronic respiratory disorders may be adversely affected by exposure to fumes or airborne particulates.

### **SECTION 4 — FIRST AID MEASURES**

Skin Contact: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops consult a physician.  
Eye Contact: Immediately wash eyes with running water for 15 minutes. If irritation develops consult a physician.  
Inhalation: May cause irritation of upper respiratory tract. Move to fresh air. Aid in breathing if necessary and seek medical attention.  
Ingestion: Harmful if swallowed.

### **SECTION 5 — FIRE FIGHTING MEASURES**

Flammable: Yes  
If yes, under which conditions: Explosion or fire produces toxic fumes.

Means of Extinction: Wear self contained breathing apparatus and evacuate personnel to safe area. Use dry chemical, carbon, dioxide, foam, or water spray.

Flashpoint: >420°F

NFPA: Health:1 Flammability:1 Reactivity:0

## **SECTION 6 — ACCIDENTAL RELEASE MEASURES**

Leak and Spill Procedures: Wear self contained breathing apparatus and evacuate personnel to safe area. Use dry chemical, carbon, dioxide, foam, or water spray. Wear gloves, coveralls, aprons, and boots as necessary to prevent skin contact. Use local or central exhaust systems to remove fumes. Chemical goggles recommended.

## **SECTION 7 — HANDLING AND STORAGE**

Handling Procedures and Equipment: Store in a well ventilated space away from oxidizing agents and sources of heat, humidity, or ignition. Follow good hygienic practices to avoid potential chronic effects. Wear clean work clothing and avoid repeated or prolonged exposure or inhalation of mist, vapor, or fumes. Do not eat or smoke in areas where this material is stored.

Storage Requirements: Avoid exposure to heat and humidity. Do not store outside or in area where there is exposure to the sun. Avoid areas with heat or flame. Material may gel or expand if exposed to high temperatures.

## **SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION**

Engineering Controls: Use central or local exhaust systems. Maintain good ventilation. If area is airtight or hot, set local ventilator.

Personal Protective Equipment:

-Respiratory: Respiratory protection approved by NIOSH/MSHA for protection against organic vapor should be used to avoid inhalation of excessive contaminants. Appropriate respirator selection depends on the type and magnitude of exposure.

-Skin: Chemical resistance data barrier materials used should be determined based on the use of this product. Neoprene and nitrile protective garments have been suggested for protection against material of this chemical class (AGGIH Guidelines for the Selection of Chemical Protective Clothing, 1993.)

-Eye Protection: Employees should be required to wear chemical safety goggles to prevent eye contact. A face shield should be used when appropriate to prevent contact with splashed materials.

-Ventilation: Local exhaust ventilation should be used to control the emission of air contaminants. General dilution ventilation may assist with the reduction of air contaminant concentrations.

Other Protective Equipment: Emergency eye wash station and deluge safety towers should be available in work area.

## **SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

Physical State Odour and Appearance Odour Threshold (ppm): Paste Form.  
Vapour Density (air = 1) : >1  
Vapour Pressure (mmHg) : <1  
pH Coefficient of Water/Oil Distribution [Solubility in Water]: Insoluble

## **SECTION 10 — STABILITY AND REACTIVITY**

Chemical Stability: Stable at room temperature below 100°F away from sunlight.  
Incompatibility with Other Substances: Yes  
If yes, which ones: Strong acids and oxidizing materials

## **SECTION 11 — TOXICOLOGICAL INFORMATION**

Effects of Chronic Exposure: Sensitivity of eyes, skin, breathing passage.  
Irritancy of Product: Irritation, Eczema, Bronchitis.  
Carcinogenicity: Carcinogenic

## **SECTION 12 — ECOLOGICAL INFORMATION**

Possibility of Environmental Impact/Move: Exists in air in smog form, may fall to land and water afterwards.

## **SECTION 13 — DISPOSAL CONSIDERATIONS**

Waste Disposal: Dispose of in accordance with approved Federal, State and Local regulations.

## **SECTION 14 — TRANSPORT INFORMATION**

International Transport Regulation: 2917.19.7020  
Internal Transport Regulation: 55

## **SECTION 15 — REGULATORY INFORMATION**

None Listed

## **SECTION 16 — OTHER INFORMATION**

Always test prints (i.e., wash test, curing, migration, etc). Do not start production if tests fail.

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