

I. PRODUCT IDENTIFICATION

Manufacturer: Gans Ink and Supply Co, Inc. Address: 1441 Boyd Street Los Angeles, CA 90033 Emergency phone: (323) 264-2200	HMIS HAZARD IDENTIFICATION								
	<table border="1"> <tr><td>Health</td><td>1</td></tr> <tr><td>Flammability</td><td>1</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	1	Flammability	1	Reactivity	0	Personal Protection	B
Health	1								
Flammability	1								
Reactivity	0								
Personal Protection	B								
Product Class: Plastisol Screen Inks	Manufacturer's code: G-018068, Various								
Trade Name: Plastisol Screen Photochromic Textile Ink									

II. COMPOSITION / INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
			OSHA / PEL	Not Established
			OSHA TWA	Not Established
			ACGIH TLV /TWA	Not Established
			ACGIH/ STEL	Not Established
This product contains proprietary ingredients that are not required to be listed in Section II under OSHA Hazard Communication Standard 29 CFR 1928 (i), Trade secrets.				
This product is considered Non-Hazardous by definition of OSHA Hazard Communication Standard 29 CFR 1910.1200.				

III. HEALTH HAZARD INFORMATION

Effects of Overexposure
Inhalation: This product is a low risk at ambient conditions, but fumes formed at elevated temperatures may be irritating to the respiratory tract.
Skin Contact: Avoid skin contact. This product causes skin irritation. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping, and reddening. This condition may make the skin more susceptible to other irritants, sensitizers, and disease. Pre-existing skin conditions may make the skin more susceptible and facilitate uptake by this route. Wash thoroughly after handling.
Eye Contact: Avoid eye contact. This product causes severe irritation to the eyes upon direct contact. Marked excess redness and swelling of the conjunctiva, and chemical burns of the cornea. Iritis may occur.
Ingestion: Do not ingest. Harmful if swallowed. Ingestion may cause abdominal discomfort, nausea, vomiting and diarrhea. See Notes to Physician section below.

IV. FIRST AID PROCEDURES

Emergency & First Aid Procedures
Eyes: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes. GET MEDICAL ATTENTION.
Skin: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention. Wash clothing before reuse.
Inhalation: Remove victim from exposure. If breathing has stopped or is irregular, administer artificial

respiration. If victim is unconscious, remove to fresh air and seek medical attention.
Ingestion: If victim is conscious, give liquids and induce vomiting. Never give liquids to an unconscious person. SEEK IMMEDIATE MEDICAL ATTENTION.
Notes to Physician: Knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

V. FIRE AND EXPLOSION DATA

Flash Point °F: 484 °F (251°C)	Auto-ignition Temperature °F: 493 (256 °C)
Flammable Limits in Air	Lower Limit: No Data Upper Limit: No Data
Extinguishing Media: Use alcohol foam or all purpose type foam, water spray, CO ₂ , or dry chemical extinguishing media.	
Special Fire Fighting Procedures: Wear self contained breathing apparatus and protective clothing.	
Unusual Fire & Explosion Hazard: Combustible. Do not use near open flame or other sources of ignition.	

VI. ACCIDENTAL RELEASE

Steps to be taken in event of spill or release: Ventilate area. Wear protective eye goggles or glasses and skin protection. Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials such as vermiculite, sand, or dirt. Scrape up with trowel or scoop and place in a suitable container. Use absorbent to clean remainder. For large spills: Transfer liquids and solid diking material to suitable containers for recovery or disposal. Use absorbent to clean remainder. DO NOT allow to enter drains, sewers or waterways.

VII. HANDLING AND STORAGE

Handling and Storage: Store in containers in a cool, well ventilated, dry area, out of direct exposure to UV and fluorescent lights. THIS MATERIAL IS COMBUSTIBLE Do Not use or store near open flame, heat or other sources of ignition. Do not store at excessive temperatures. Material can gel with long exposure to elevated temperatures (above 90 °F) Keep containers closed. Must be used within 3 months of purchase. Storage longer than 6 months not recommended. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor.
Other Precautions: For industrial use only. Do not ingest. Consumption of food and beverages should be avoided in work areas. Always wash hands and face with soap and water before eating, drinking, and smoking.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation Requirements: Local exhaust is necessary. General mechanical ventilation is acceptable. Adequate ventilation in accordance with good engineering practice must be provided.
Personal Protective Equipment
Respirator: All respirators must be MSHA/ NIOSH approved or equivalent. Half- masks air purifying respirator.
Skin: Use appropriate protective equipment, impervious synthetic rubber clothing (boots, gloves, etc.) over parts of the body subject to exposure. Neoprene gloves. Safety shower or washing facilities recommended. Use good personal hygiene practices.
Eye: Eye protection is recommended. Mono-goggles or splash-proof safety goggles. Eye wash stations recommended.

IX. PHYSICAL AND CHEMICAL DATA

Boiling Range °F: No Data	Vapor Density (Air = 1): < 1
Relative Density (H₂O = 1): 1.07 – 1.45	Vapor Pressure (mm Hg @ 70°F): N/A
Material Density Lbs./Gal: 8.93 – 12.18	Solubility in Water: 0.01
%Volatiles by Weight: 4	Evaporation Rate: N/A
VOC: lbs/gal: .49 max. g/L: 58.0	Appearance/Odor: Colored paste/ Vinyl Odor

X. STABILITY AND REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable	Conditions to avoid: Excessive heat, temperatures above 90 °F. Open flame, sources of ignition.
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Hazardous Polymerization: Will not occur.	Materials to avoid: Strong oxidizers
Hazardous Decomposition Products: CO ₂ , CO, Hydrogen Chloride, and other oxides may be generated as products of combustion.	

XI. TOXICOLOGICAL INFORMATION

CARCINOGEN: This product has not been identified as a carcinogen by OSHA or the National Toxicology program (NTP), or the International Agency for Research Cancer (IARC).	
Mutagen:	No Data
Teratogen:	No Data
Reproductive Toxicity:	No Data
Laboratory Data with Relevance to Human Health Hazard Evaluation: None currently known.	

XII. ECOLOGICAL INFORMATION

This product has not been evaluated at this time. As with all chemicals DO Not allow to enter sewers, waterways or drains.
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XIII. DISPOSAL INFORMATION

Waste Disposal Method: If recycling as ink is not possible, material may be incinerated or land filled at a licensed facility in accordance with local, state, and federal regulations. Small amounts can be fused in a vented oven and disposed of as a solid.

XIV. TRANSPORT INFORMATION

The DATA provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipping for transportation.	
Flammability Classification:	Combustible
OSHA:	Class III B
DOT Ground (Bulk or Non-Bulk):	
DOT Shipping Name	Not Regulated
UN/NA Number:	None
Hazard Class:	3
IATA / ICAO (Air Transportation):	
Proper Shipping Name:	Not Regulated
UN Number:	None
Hazard Classification:	N/A
IMO / IMDG (Sea Transportation):	
Proper Shipping Name:	Not Regulated
UN/ID Number:	None
Hazard Classification:	N/A
TDG (Canada):	
Proper Shipping Name:	Not Regulated
Hazard Class:	N/A

XV. REGULATORY INFORMATION

SARA Title III Section 313 Reporting requirements of the SARA Superfund Amendments and Reauthorization Act. No Data

SARA Section 311/312 – Hazard Communication Standard (HCS):

No Data

SARA Section 302 - Extremely Hazardous Substances (EHS):

No Data

SARA Section 304 – CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):

Reportable Quantity: Not applicable

International Inventory Status:

All components are in compliance with the following inventories:

United States
Canadian DSL,
EU EINECS,
Japanese ENCS,
Australian AICS,
Korean, Philippine PICCs,
Chinese

RCRA (Resource Conservation and Recovery Act):

Not a hazardous waste under RCRA (40 CFR 261.21)

TSCA Section 8(b) Inventory Status:

All component(s) of this product are either exempt or listed on the TSCA Inventory.

U.S. State Regulations

California Proposition 65:

This product does not intentionally contain any chemicals known by the state of California to cause cancer and/or reproductive harm. Moreover, Gans Ink and Supply Co., Inc. does not routinely analyze its products for impurities which may be such chemicals.

XVI. OTHER INFORMATION

The information herein is presented in good faith, based on the data available to us and is believed to be correct as of the date hereof. However, Gans Ink and Supply Co., Inc. makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Gans Ink and Supply Co., Inc. assume no responsibility for any damages of any nature directly or indirectly resulting from the use of or reliance upon the information contained herein. Users must make their own determination as to the suitability of the product for their purpose prior to use. In accordance with good practices of personal cleanliness and hygiene, handle with due care and avoid unnecessary contact with this product.