

**I. PRODUCT IDENTIFICATION**

Manufacturer: Gans Ink and Supply Co, Inc. Address: 1441 Boyd Street Los Angeles, CA 90033  Emergency phone: (323) 264-2200	<b>HMIS HAZARD IDENTIFICATION</b>
	Health 1  Flammability 0  Reactivity 0
<b>Product Class:</b> Lithographic Printing Ink	<b>Manufacturer's code:</b> 27702, 133170-73, Various
<b>Trade Name:</b> Soytech Inks	

**II. HAZARDOUS INGREDIENTS**

Material	CAS #	%	Exposure Limits	Units
Non-Hazardous (Per 29 CFR 1910.1200)				

**III. PHYSICAL DATA**

<b>Boiling Range °F:</b> 400-600	<b>Vapor Density (Air = 1):</b> N/A
<b>Relative Density (H<sub>2</sub>O = 1):</b> 1.0-1.04	<b>Vapor Pressure (mm Hg @ 70°F):</b> 0
<b>Material Density Lbs./Gal:</b> 8.3-8.7	<b>Solubility in Water:</b> Insoluble
<b>% Volatiles by Weight:</b> < 4	<b>% Solids by Weight:</b> 96
<b>VOC Lbs/Gal:</b> .125	<b>Appearance/Odor:</b> Colored Oily Paste

**IV. FIRE AND EXPLOSION DATA**

<b>Flash Point °F:</b> 212	<b>Auto-ignition Temperature °F:</b> 400
<b>Flammable Limits in Air</b>	<b>Lower Limit:</b> N/A <b>Upper Limit:</b> N/A
<b>Extinguishing Media:</b> Use water fog, CO <sub>2</sub> or dry chemical extinguishing media.	
<b>Special Fire Fighting Procedures:</b> Water may be ineffective, but can be used to cool containers exposed to heat or flame.	
<b>Unusual Fire &amp; Explosion Hazard:</b> Dense smoke may be generated while burning, carbon dioxide, carbon monoxide, and other oxides may be generated as products of combustion.	

**V. HEALTH HAZARD INFORMATION**

<b>Effects of Overexposure</b>
<b>Inhalation:</b> Caution should be taken to prevent aerosolization or misting of this product. Acute overexposure may result in irritation of the throat and lungs.
<b>Skin Contact:</b> Avoid skin contact. This product is non-irritating to the skin upon direct contact. Prolonged 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.
<b>Eye Contact:</b> Avoid eye contact. This product may be slightly irritating to the eyes upon direct contact.
<b>Ingestion:</b> Do not ingest.
<b>Emergency &amp; First Aid Procedures</b>
<b>Eyes:</b> Immediately flush with large amounts of water and continue flushing for 15 minutes until irritation subsides. If irritation persists, seek medical attention.
<b>Skin:</b> Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention.
<b>Inhalation:</b> If mist is generated when the material is heated or handled, remove victim from exposure. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. If victim is unconscious, remove to fresh air and seek medical attention.
<b>Ingestion:</b> Do not induce vomiting. Seek immediate medical attention.
<b>Notes to Physician:</b> Aspiration may lead to chemical pneumonitis which is characterized by pulmonary edema and hemorrhage, and may be fatal. Signs of lung involvement include increased respiration rate, increased heart rate, and a

bluish discoloration of the skin. Coughing, choking, and gagging are often noted at the time of aspiration. Gastrointestinal discomfort may develop, followed by vomiting, with risk of aspiration.

#### VI. REACTIVITY INFORMATION

<b>Stability (Thermal, Light, etc.):</b> Stable	<b>Conditions to avoid:</b> Excessive heat and contact with strong oxidizers.
<b>Hazardous Polymerization:</b> Will not occur	<b>Conditions to avoid:</b> None.
<b>Hazardous Decomposition Products:</b> CO <sub>2</sub> , CO, and other oxides may be generated as products of combustion.	

#### VII. ENVIRONMENTAL PRECAUTIONS

**Steps to be taken in event of spill or release:** Scrape up with towel or scoop and place in a suitable container. Clean up with a suitable solvent.

**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.

#### VIII. SPECIAL PROTECTION INFORMATION

**Ventilation Requirements:** If mist is generated when the material is heated or handled, Adequate ventilation in accordance with good engineering practice must be provided to Maintain concentrations below the specified exposure or flammable limits.

##### Personal Protective Equipment

**Respirator:** Respiratory protection is not required under conditions of normal use. If mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified.

**Skin:** No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious synthetic rubber clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure.

**Eye:** Eye protection is not required under the conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield.

#### IX. SPECIAL PRECAUTIONS

**Handling and Storage:** Store in closed containers in a cool, well ventilated area. Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, and smoking.

**Other Precautions:** For industrial use only. Do not ingest. Avoid prolonged contact with skin, contact with eyes, and breathing mist or vapor. Stable when stored in containers. However, if large areas are exposed to air, such as on rags, etc., spontaneous combustion may occur.

#### X. SHIPPING DATA

##### Flammability Classification

**OSHA:** Class III B

**DOT:** Not Regulated

#### XI. ADDITIONAL NOTES

##### SARA Title III Section 313:

This material may contain chemicals subject to the reporting requirements of the Superfund Amendments and Reauthorization ACT (SARA). Please refer to Gans supplier notification letter dated 3/1/89, updated 6/13/02.

The data on this MSDS are based on the information furnished by our raw material suppliers; consequently, Gans Ink and Supply Co, Inc. cannot guarantee its accuracy, nor assume liability of any kind.