

Material Safety Data Sheet # 117
For Printing Inks and related Materials
OSHA Hazard Communication Standard, 29 CFR 1910.1200

Date of preparation: 8/17/89
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 MSDS#: 117

I. PRODUCT IDENTIFICATION

Manufacturer: Gans Ink and Supply Co, Inc. Address: 1441 Boyd Street Los Angeles, CA 90033 Emergency phone: (323) 264-2200	<p align="center">HMIS HAZARD IDENTIFICATION</p> <table border="1"> <tr><td>Health</td><td>2</td></tr> <tr><td>Flammability</td><td>1</td></tr> <tr><td>Reactivity</td><td>1</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	2	Flammability	1	Reactivity	1	Personal Protection	B
Health	2								
Flammability	1								
Reactivity	1								
Personal Protection	B								
Product Class: Lithographic Printing Ink	Manufacturer's code: Various, 11376, 00-32, A135343- A135345, A133078, 27702, F-1002, F-1005, A133170, A133171, A133172, A133173, 00-33, A127154, 24704, 10014, A140091, etc.								
Trade Name: Soytech Web Forms, Soya Perfector,									

II. HAZARDOUS INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
White mineral oil	8042-47-5	6 – 12.0	OSHA PEL/ TWA	5 mg/m3 oil mist

III. HEALTH HAZARD INFORMATION

Effects of Overexposure
Inhalation: Avoid inhalation. Caution should be taken to prevent aerosolization or misting of this product. Excessive inhalation may cause headaches, dizziness and nausea, irritation of the nasal and respiratory tract.
Skin Contact: Avoid skin contact. Prolonged contact may result in irritation and 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.
Eye Contact: Avoid eye contact. This product may be slightly irritating to the eyes upon direct contact.
Ingestion: Do not ingest.

IV. FIRST AID PROCEDURES

Emergency & First Aid Procedures
Eyes: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes until irritation subsides. If irritation persists, seek medical attention.
Skin: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention.
Inhalation: If mist or exposure 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.
Ingestion: Do not induce vomiting. Seek immediate medical attention.
Notes to Physician: 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.

V. FIRE AND EXPLOSION DATA

Flash Point °F: > 200 °F		Auto-ignition Temperature °F: No Data
Flammable Limits in Air (% Volume)	Lower Limit: No data	Upper Limit: No Data
<p>Extinguishing Media: Use water fog, foam, CO₂, or dry chemical extinguishing media.</p> <p>Special Fire Fighting Procedures: Firefighters wear self contained breathing apparatus and protective gear. Water may be used to cool containers exposed to heat or flame.</p> <p>Unusual Fire & Explosion Hazard: Dense smoke may be generated while burning; carbon dioxide, carbon monoxide, and other oxides may be generated as products of combustion.</p>		

VI. ACCIDENTAL RELEASE

Steps to be taken in event of spill or release: Absorb spilled material with an absorbent material such as vermiculite, sawdust, gel binder etc. Scrape up with trowel or scoop and place in a suitable container. Clean up with a suitable solvent. Dispose of according to state, local and Federal regulations. Do not allow to enter drains, waterways or sewers.

VII. HANDLING AND STORAGE

Handling and Storage: Store in containers in a cool, well-ventilated area. Keep away from sources of open flame and sources of ignition. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor. Always wash hands and face with soap and water before eating, drinking, and smoking.

Other Precautions: For industrial use only. Do not ingest. Stable when stored in containers. However, if large areas are exposed to air, such as on rags, etc., spontaneous combustion may occur. Consumption of food and beverages should be avoided in work areas where hydrocarbons are present.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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 vapor or 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. Do not use compressed oxygen in hydrocarbon atmospheres.

Skin: No skin protection is required for single, short duration exposures. For prolonged exposures, use impervious synthetic rubber gloves.

Eye: Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety glasses or goggles.

IX. PHYSICAL AND CHEMICAL DATA

Boiling Range °F: 300-680 °F	Vapor Density (Air = 1): > , 1.0
Relative Density (H₂O = 1): 0.98 - 1.44	Vapor Pressure (mm Hg @ 68°F): < 0.1
Material Density Lbs./Gal: 8.16 – 12.0	Solubility in Water: Insoluble
% Volatiles Organic Compounds (VOC) by Weight: 4.0% maximum	% Solids by Weight: 96.0% minimum
VOC: lbs/gal: ≤ .48 g/L: ≤ 57.6	Appearance/Odor: Colored paste

X. STABILITY AND REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable	Conditions to avoid: Excessive heat, open flame and sources of ignition.
Hazardous Polymerization: Will not occur.	Materials to avoid: Contact with strong oxidizers
Hazardous Decomposition Products: CO ₂ , CO, 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

XII. ECOLOGICAL INFORMATION

This product has not been evaluated at this time. As with all chemicals and products Do Not allow to enter waterways, drains or sewers.

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.

XIV. TRANSPORT INFORMATION

Flammability Classification: Combustible

OSHA: Class III B

DOT (Ground): Not Regulated

IMO/ IMDG (Sea): Not Regulated

IATA/ ICAO (Air): Not Regulated

Not classified as dangerous in the meaning of transport regulations.

XV. REGULATORY INFORMATION

SARA Title III Section 313:

This material contains a chemical subject to the reporting requirements of the SARA Superfund Amendments and Reauthorization Act.

<u>Chemical</u>	<u>313 Category Code</u>	<u>%</u>
Barium Compound	N040	24.0 max.

SARA Section 302 - Extremely Hazardous Substances (EHS):

This product does not contain any components regulated under Section 302 (40 CFR 355) as EHS.

Clean Air Act - Hazardous Air Pollutants (HAP):

This product does not contain any HAP, as defined by the U.S. Clean Air Act Section 112 (40 CFR 61)

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 contain chemical(s) known by the State of California to cause cancer and/or reproductive harm.

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. assumes 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.

B

Safety Glasses
Gloves

