

Material Safety Data Sheet # 104
For Printing Inks and related Materials
OSHA Hazard Communication Standard, 29 CFR 1910.1200

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 MSDS #: 104

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>2</td></tr> <tr><td>Flammability</td><td>0</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	2	Flammability	0	Reactivity	0	Personal Protection	B
Health	2								
Flammability	0								
Reactivity	0								
Personal Protection	B								
Product Class: Lithographic Ink Additive	Manufacturer's code: X-7028								
Trade Name: Anti- Skin Compound									

II. HAZARDOUS INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
Petroleum Distillates	64741-86-2	10 -30		
Petroleum Distillates	68131-77-1	10 -30		
Cyclohexanone, oxime	100-64-1	30 -50		
OSHA Status: Non Hazardous				

III. HEALTH HAZARD INFORMATION

Effects of Overexposure
Inhalation: Avoid inhalation. Irritating to respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. Acute overexposure may result in irritation of the throat and lungs. Chronic exposure to high concentrations of aerosols or mists to laboratory animals has resulted in non-specific symptoms related to the nervous system, gastrointestinal tract, and lungs.
Skin Contact: Avoid skin contact. This product may be irritating to the skin upon direct contact. 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.
Eye Contact: Avoid eye contact. This product may be irritating to the eyes upon direct contact.. Adverse symptoms may include the following: pain or irritation, watering, redness. Exposure to high concentrations of vapors may be irritating to the eyes.
Ingestion: Do not ingest. Harmful if swallowed. Can cause methemoglobin formation. Severe oral intoxication will lead to intense burning of the throat and may result in drowsiness, dullness, numbness, and headache followed by dizziness, weakness, and nausea, loss of consciousness and convulsions. See <i>Notes to Physician</i> 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, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Seek medical attention.

Skin: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention. Launder contaminated clothing before reuse.
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: Wash mouth out with water. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical attention. Never give anything by mouth to an unconscious person.
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: 212 F	Auto-ignition Temperature °F: No Data	
Flammable Limits in Air (% Volume)	Lower Limit: No Data	Upper Limit: No Data
Extinguishing Media: Use water fog, foam, CO ₂ , or dry chemical extinguishing media.		
Special Fire Fighting Procedures: Firefighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode. Water may be used to cool containers exposed to heat or flame.		
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.		

VI. ACCIDENTAL RELEASE

Steps to be taken in event of spill or release: Provide adequate ventilation. Keep unnecessary and unprotected personnel from entering. Scrape up with trowel or scoop and place in a suitable container for disposal with a licensed waste disposal. Clean up with a suitable solvent. Do not allow to enter waterways, sewers, drains.

VII. HANDLING AND STORAGE

Handling and Storage: Store in original containers in a cool, dry well-ventilated area. protected from direct sunlight. Keep containers tightly closed when not in use. Avoid prolonged contact with skin, 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. Consumption of food and beverages should be avoided in work areas. Empty containers retain product residue and can be hazardous. Do not reuse container.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation Requirements: If vapor or 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 specific 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: The use of chemical resistant impervious gloves is recommended. Wash hands, forearms and face thoroughly after handling chemical products. Safety showers are recommended.
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. Eyewash stations are recommended.

IX. PHYSICAL AND CHEMICAL DATA

Boiling Range °F: 470 – 515 °F	Vapor Density (Air = 1): No Data
Relative Density (H₂O = 1): .936	Vapor Pressure (mm Hg @ 68°F): Not available
Material Density Lbs./Gal: 7.80	Solubility in Water: Insoluble
% Volatile Organic Compounds (VOC) by Weight: 0	% Solids by Weight: 100 Evaporation rate: Not available pH: Not available
VOC: lbs/gal: 0 g/L: 0	Appearance/Odor: Off White paste

X. STABILITY AND REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable, under normal conditions of storage and use.	Conditions to avoid: Excessive heat, 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
Acute Toxicity: Distillates (Petroleum) 64741-86-2 Oral LD50 Rat > 5,000 mg/kg Dermal LD50 Rabbit > 2,000 mg/kg

XII. ECOLOGICAL INFORMATION

No known significant effects or critical hazards.
Cyclohexanone, oxime: Fresh water Acute : LC50 208 mg/ ¼ d Fathead minnow

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. Do not allow to enter waterways, sewers or drains.
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XIV. TRANSPORT INFORMATION

Flammability Classification:
OSHA: Class III B
DOT (Ground): Not Regulated
IATA/ ICAO (Air): Not Regulated
IMO/ IMDG (Sea): Not Regulated
TDG: Not Regulated

XV. REGULATORY INFORMATION

U.S. State Regulations

SARA Title III Section 313:

This material Does Not contain chemicals subject to the reporting requirements of the SARA Superfund Amendments and Reauthorization Act.

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

SARA Section 311/312 :	Acute health hazard:	Yes
	Chronic health hazard	Yes
	Flammability hazard	No
	Pressure hazard	No
	Reactivity hazard	No

SARA Section 302 - Extremely Hazardous Substances (EHS): None

TSCA Section 8(b) Inventory Status:

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

Massachusetts Right-to-Know: None required

New Jersey Right-to-Know: None required

Pennsylvania Right-to-Know: None required

Canadian NPRI: None required

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.

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)

Canada WHMIS: Class D-1B: Material causing immediate and serious toxic effects (Toxic)
Class D-2B: Material causing other toxic effects (Toxic)

International Regulations

Europe (EINECS)	Listed/ registered
Philippines (PICCS)	Not determined
New Zealand (NZIoC)	Not determined
Korea (KECI)	Not determined
Japan (ISHL)	Not determined
Japan (ENCS)	Not determined
China (IECSC)	Not determined
Australia (AICS)	Not determined
Canada (NPRI)	Listed / or exempt

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.