

**Material Safety Data Sheet # 297**  
**For Printing Inks and related Materials**  
**OSHA Hazard Communication Standard, 29 CFR 1910.1200**

Date of preparation: 10/28/2011  
 MSDS#: 297

**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>								
	<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								
<b>Product Class:</b> Defoamer	<b>Manufacturer's code:</b> S-1854								
<b>Trade Name:</b> GANS ANTI- FOAM									

**II. HAZARDOUS INGREDIENTS**

Material	CAS #	%	Exposure Limits	Units
Preservative Mixture	26172-55-4	< 1.0	OSHA/ PEL	NE
	2682-20-4		ACGIH/ TLV	NE
Polydimethylsiloxane Emulsion	67762-90-7	< 5.0	OSHA /PEL	NE
			ACGIH/ TLV	NE

NE: Not Established

**III. HEALTH HAZARD INFORMATION**

<b>Effects of Overexposure</b>
<b>Inhalation:</b> Avoid inhalation. May be slightly irritating to respiratory tract. 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.
<b>Skin Contact:</b> Avoid skin contact. This product is 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. May cause allergic skin reaction.
<b>Eye Contact:</b> Avoid eye contact. This product may be irritating to the eyes upon direct contact. May cause eye irritation with short term contact with liquid sprays, mists or vapors. Symptoms include stinging, tearing, redness and swelling. Exposure to high concentrations of vapors may be irritating to the eyes.
<b>Ingestion:</b> Do not ingest. May cause irritation to the gastrointestinal tract, symptoms include nausea, vomiting and diarrhea.. 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 followed by death may result. See <i>Notes to Physician</i> section below.

**IV. FIRST AID PROCEDURES**

<b>Emergency &amp; First Aid Procedures</b>
<b>Eyes:</b> Immediately flush eyes with large amounts of water and continue flushing for 15 minutes, seek immediate medical attention.

**Skin:** Remove contaminated clothing. Launder before reuse. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention.

**Inhalation:** Immediately remove victim from exposure to fresh air and seek immediate medical attention.

**Ingestion:** Induce vomiting upon medical advice. 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

<b>Flash Point °F:</b> > 200 °F (Closed Cup)	<b>Auto-ignition Temperature °F:</b> Not Established	
<b>Flammable Limits in Air (% Volume)</b>	<b>Lower Limit:</b> Not Established	<b>Upper Limit:</b> Not Established
<b>Extinguishing Media:</b> Use water fog, foam, or dry chemical extinguishing media.		
<b>Special Fire Fighting Procedures:</b> Fire fighters wear self contained breathing apparatus and protective equipment. Water may be used to cool containers exposed to heat or flame. OSHA Class III B Combustible Liquid. Evacuate area and fight fire from a safe distance if fire is contained in a small area.		
<b>Unusual Fire &amp; Explosion Hazard:</b> Under fire conditions, hazardous fumes may be present. Dense smoke may be generated while burning; carbon dioxide, carbon monoxide, and other oxides may be generated as products of combustion. Dike and contain all media used to fight fire. Fire media run-off can damage the environment.		

#### VI. ACCIDENTAL RELEASE

**Steps to be taken in event of spill or release:** For small spills or leaks; Wear protective gloves and eye protection. Stop source of leak or spill. Isolate area of spill by diking. Absorb spill with absorbent material such as vermiculite, sand etc. Scrape up with trowel or scoop and place in a suitable container for disposal. Wash all contaminated clothing before reuse. Discard contaminated leather shoes. For larger spills requiring emergency response, follow OSHA emergency response regulations and NIOSH recommendations. If possible stop source of spill or release. Isolate the area of spill or release by diking to prevent material from entering sewers, drains or waterways. Clean up and place in an appropriate container for disposal.

#### VII. HANDLING AND STORAGE

**Handling and Storage:** Avoid contact with eyes, skin or clothing. Avoid breathing of mist or vapor. Use and store containers in a cool, well-ventilated area. Avoid storage of product with acids, bases and oxidizers. Keep containers closed when not in use. Keep from freezing. 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.

**Other Precautions:** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues, (vapor, liquid, and / or solid) , all hazard precautions given in this data sheet must be observed. For industrial use only. Do not ingest. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor.

#### 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. Good general ventilation should be sufficient for most operations. Ten or more room air changes per hour containing a minimum of 15% fresh air recommended.

##### 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 impervious gloves is recommended to prevent unnecessary contact with product. The use

of safety showers is 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. Eye wash stations are recommended.

#### IX. PHYSICAL AND CHEMICAL DATA

<b>Boiling Range °F:</b> 212 °F	<b>Vapor Density (Air = 1):</b> Not available
<b>Relative Density (H<sub>2</sub>O = 1):</b> 1.00 @ 60 °F	<b>Vapor Pressure (mm Hg @ 68°F):</b> Not Established
<b>Material Density Lbs./Gal:</b> 8.33	<b>Solubility in Water:</b> 100 % Miscible
<b>% Volatile Organic Compounds (VOC) by Weight:</b> 0	<b>Viscosity:</b> Not Established <b>pH:</b> 6.5 <b>Coefficient of Water/ Oil Distribution:</b> Not available <b>Freezing Point:</b> Not available
<b>VOC: lbs/gal:</b> 0.0 Method 24 <b>g/L:</b>	<b>Appearance/Odor:</b> Milky white liquid / No odor

#### X. STABILITY AND REACTIVITY INFORMATION

<b>Stability (Thermal, Light, etc.):</b> Stable	<b>Conditions to avoid:</b> Excessive heat, all potential sources of ignition. Keep from freezing.
<b>Hazardous Polymerization:</b> Will not occur.	<b>Materials to avoid:</b> Contact with strong oxidizers and strong acids or bases.
<b>Hazardous Decomposition Products:</b> Includes but not limited to smoke, fumes, oxides of CO <sub>2</sub> , CO, and nitrogen may be generated as products of combustion.	

#### XI. TOXICOLOGICAL INFORMATION

<b>CARCINOGEN:</b> 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).	
<b>Mutagen:</b>	No Data
<b>Teratogen:</b>	No Data
<b>Reproductive Toxicity:</b>	No Data
<b>LD50 Oral Rat:</b> No data available	

#### XII. ECOLOGICAL INFORMATION

<b>Ecotoxicity Data:</b> No data available
<b>Chemical Fate Data:</b> No data available.
As with all chemicals and products DO NOT allow to enter sewers, drains, waterways etc.

#### XIII. DISPOSAL INFORMATION

<b>Waste Disposal Method:</b> 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.
<b>Hazardous Waste Characterization:</b> None

#### XIV. TRANSPORT INFORMATION

<b>Flammability Classification:</b>	Combustible Liquid
<b>OSHA:</b>	Class III B
<b>DOT Shipping (Ground):</b>	Not Regulated
<b>ICAO/ IATA Shipping (Air):</b>	Not regulated

**IMDG/ IMO Shipping (Sea):** Not regulated

#### XV. REGULATORY INFORMATION

**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 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)

**Canadian DSL/ NDSL Inventory:** Components of this product are listed either on the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL).

**TSCA Section 8(b) Inventory Status:**

All component(s) of this product are 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.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**WHMIS Classification:** Class D2B Toxic Material,

#### 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**

