

**Material Safety Data Sheet # 137**  
**For Printing Inks and related Materials**  
**OSHA Hazard Communication Standard, 29 CFR 1910.1200**

Date of preparation: 8/29/90  
 Updated: 5/31/2013  
 Supersedes: 1/30/08  
 MSDS #: 137

**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>1</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	1	Flammability	1	Reactivity	1	Personal Protection	B
Health	1								
Flammability	1								
Reactivity	1								
Personal Protection	B								
<b>Product Class:</b> Lithographic Ink Additive	<b>Manufacturer's code:</b> S-1912								
<b>Trade Name:</b> Open Pocket Compound									

**II. HAZARDOUS INGREDIENTS**

Material	CAS #	%	Exposure Limits	Units
Light Petro. Dist.	64742-53-6	42.9	OSHA / PEL ACGIH / TLV	5 mg/m3 5mg/m3
Heavy Hydrotreated Naphthenic Distillates	64742-52-5	13.2	OSHA / PEL ACGIH / TLV	5 mg/m3 5mg/m3
Octadecanonic acid calcium salt	1592-23-0	9.9	OSHA / PEL ACGIH / TLV	Not Established Not Established

**III. HEALTH HAZARD INFORMATION**

<b>Effects of Overexposure</b>
<b>Inhalation:</b> Inhalation is not an expected route of exposure. Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation. Effects of overexposure may include irritation of the respiratory tract.
<b>Skin Contact:</b> Avoid skin contact. Contact may cause mild skin irritation including redness, and a burning sensation. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping, and reddening. Pre existing skin disorders may be aggravated by exposure to this product. No harmful effects from skin absorption are expected.
<b>Eye Contact:</b> Avoid eye contact. This product may be slightly irritating to the eyes upon direct contact. Contact may cause mild eye irritation including stinging, watering and redness. Exposure to high concentrations of vapors may be irritating to the eyes.
<b>Ingestion:</b> Do not ingest. Ingestion of small quantities is usually nonfatal unless aspiration occurs. Effects of overexposure may include irritation of the digestive tract, coughing, nausea, diarrhea, breathing difficulties. 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 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. Launder contaminated clothing before reuse.

**Inhalation:** If respiratory symptoms develop, move victim away from source of exposure to fresh air. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen by qualified personnel. If victim is unconscious, seek immediate medical attention.

**Ingestion:** Do not induce vomiting. Only induce vomiting at the instruction of medical personnel. 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> > 325 ° F	<b>Auto-ignition Temperature °F:</b> No Data	
<b>Flammable Limits in Air</b>	<b>Lower Limit:</b> No Data	<b>Upper Limit:</b> No Data
<b>Extinguishing Media:</b> Water fog, foam, CO <sub>2</sub> , or dry chemical extinguishing media is recommended. Water or foam may cause frothing of materials heated above 212 ° F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.		
<b>Special Fire Fighting Procedures:</b> Firefighters wear a self-contained breathing apparatus and appropriate protective bunker gear. Water can be used to cool containers exposed to heat or flame and dispersing vapors.		
<b>Unusual Fire &amp; Explosion Hazard:</b> This material may burn, but will not ignite readily. If container is not properly cooled, it can rupture in the heat of a fire. 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:** This material may burn, but will not ignite readily. Keep all sources of ignition away from spill. / release. Stay upwind and away from spill/ release. Notify persons downwind of the spill/ release. Isolate immediate hazard area and keep unauthorized personnel out. Stop spill / release if it can be done with minimal risk. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed with vermiculite or other inert material, and then placed into a chemical waste container. Notify fire authorities and appropriate federal, state, and local agencies. Prevent spill from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Immediate cleanup of any spills is recommended.

#### VII. HANDLING AND STORAGE

**Handling and Storage:** Store in containers in a cool, dry, well-ventilated area away from heat and all sources of ignition. Store only in approved containers. Keep away from all incompatible materials. Empty containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. Consumption of food and beverages 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 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.

##### 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.
<b>Skin:</b> The use of impervious synthetic rubber gloves is advised to prevent skin contact and possible irritation over parts of the body subject to exposure. Safety showers are recommended.
<b>Eye:</b> 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

<b>Boiling Range °F:</b> 500 - 600 ° F	<b>Vapor Density (Air = 1):</b> > 1
<b>Relative Density (H<sub>2</sub>O = 1):</b> .935	<b>Vapor Pressure (mm Hg @ 68 F):</b> No Data
<b>Material Density Lbs./Gal:</b> 7.79	<b>Solubility in Water:</b> Insoluble
<b>%Volatiles by Weight:</b> 19.2	<b>Evaporation Rate (nBuAc=1) :</b> No Data
<b>VOC: lbs/gal:</b> < 1.50 <b>g/L:</b> 179.5	<b>Appearance/Odor:</b> Straw paste/ petroleum odor

#### X. STABILITY AND REACTIVITY INFORMATION

<b>Stability (Thermal, Light, etc.):</b> Stable	<b>Conditions to avoid:</b> Excessive heat, sparks, sources of ignition and flame.
<b>Hazardous Polymerization:</b> Will not occur.	<b>Materials to avoid:</b> Strong oxidizing agents
<b>Hazardous Decomposition Products:</b> CO <sub>2</sub> , CO, and other oxides 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>Acute Data:</b>	
<b>Hydro treated Distillate, Light Naphthenic C15-30</b>	
CAS # 64742-53-6	
Dermal LD50 => 2 g/kg (rabbit)	
Inhalation LC50= No information available	
Oral LD50=> 5 g/kg (rat)	
<b>Hydro treated Distillate, Heavy Naphthenic C 20- 50</b>	
CAS # 64742-52-5	
Dermal LD50 => 2 g/kg (rabbit)	
Inhalation LC50= No information available	
Oral LD50=> 5 g/kg (rat)	

#### XII. ECOLOGICAL INFORMATION

This product has not been evaluated at this time. As with all chemicals do not allow products to enter, drains, sewers or waterways.
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#### 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.
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#### XIV. TRANSPORT INFORMATION

<b>Flammability Classification:</b>	
<b>OSHA:</b>	Class III B
<b>DOT (Ground):</b>	Not Regulated

**IMDG (Sea):** Not Regulated

**ICAO / IATA (Air):** Not Regulated

#### **XV. REGULATORY INFORMATION**

**SARA Title III Section 313:**

This material DOES NOT contain chemicals subject to the reporting requirements of the SARA 313 and CFR 372 Superfund Amendments and Reauthorization ACT.

**CERCLA/ SARA Section 302 Extremely Hazardous Substances and TPQs (in pounds):**

This material does not contain any chemicals subject to the reporting requirements of SARA 302 and CFR 372.

**CERCLA / SARA – Section 311/ 312 (Title III Hazard Categories)**

**Acute Health:** No  
**Chronic Health:** No  
**Fire Hazard:** No  
**Pressure Hazard:** No  
**Reactive Hazard:** No

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

This product does not contain any components regulated under Section 304 (40 CFR 302) as hazardous chemicals for emergency release notification (“CERCLA” List).

**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.

**DSL (Canadian Domestic Substances List):**

All components of this product are either exempt or listed on the DSL.

**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. 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

