

Material Safety Data Sheet # 197
For Printing Inks and related Materials
OSHA Hazard Communication Standard, 29 CFR 1910.1200

Date of preparation: 8-14-09
MSDS#: 197

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>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								
Product Class: Waterbased Pyroscreen Extender	Manufacturer's code: V-5261, G018972								
Trade Name: WB Pyroscreen Extender									

II. HAZARDOUS INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
Ethyl Acrylate	140-88-5	0.013	ACGIH TLV 5 ml/m ³ ; 20 mg/m ³ ; 8-hr TWA ACGIH TLV 15 ml/m ³ ; 61 mg/m ³ ; 15 min STEL OSHA PEL 25ml/m ³ ; 100 mg/m ³ skin 8-hr TWA Mexican OEL: 5ml/m ³ ; 20 ml/m ³ ; skin 8- hr TWA Mexican OEL; 25 ml/m ³ ; 100 mg/m ³ ; skin 15 min STEL	
* skin absorption of this material may add to the overall exposure				

III. HEALTH HAZARD INFORMATION

Effects of Overexposure
Inhalation: Likely routes of exposure; eye, skin and inhalation. No more than slightly irritating. No more than slightly toxic if inhaled. Mist may cause irritation to upper respiratory tract (nose, and throat).
Skin Contact: Avoid skin contact. This product is slightly irritating to the skin upon direct contact. No more than slightly toxic if absorbed.
Eye Contact: Avoid eye contact. This product may be slightly irritating to the eyes upon direct contact. Exposure to high concentrations of vapors may be irritating to the eyes. Mist may cause irritation to eyes.
Ingestion: Do not ingest. No more than slightly toxic if ingested. Very low toxicity if ingested. Harmful effects not anticipated from swallowing small amounts.

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. Wash 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: 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: 217 F (PMCC)		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 or water spray, foam, CO₂, or dry chemical extinguishing media. Special Fire Fighting Procedures: Fire fighters use self – contained breathing apparatus. Equipment should be thoroughly decontaminated after use. Water can be used to extinguish fire. Unusual Fire & Explosion Hazard: Dense smoke may be generated while burning; carbon dioxide, carbon monoxide, smoke, and soot may be generated as products of combustion.</p>		

VI. ACCIDENTAL RELEASE

Steps to be taken in event of spill or release: Ventilate area. Absorb material with an inert material such as vermiculite, sand etc. Scrape up with trowel or scoop and place in a suitable container. Clean up with a suitable solvent. Do not allow to enter sewers, drains or waterways.

VII. HANDLING AND STORAGE

Handling and Storage: Store in containers in a cool, well-ventilated area. Keep containers closed when not in use. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor. Emptied containers retain vapor and product residue. 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 where hydrocarbons are present.

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: Impervious synthetic rubber gloves and apron are recommended for parts of the body subject to exposure.

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 or splash-proof safety goggles.

IX. PHYSICAL AND CHEMICAL DATA

Boiling Range °F: 369.3	Vapor Density (Air = 1): 2.62
Relative Density (H₂O = 1): 1.04	Vapor Pressure (mm Hg @ 70°F): N/A
Material Density Lbs./Gal: 8.68	Solubility in Water: Soluble pH: N/A
% Volatiles by Weight: 0.4	% Solids by Weight: Evaporation Rate: N/A
VOC: lbs/gal: .035 g/L: 4.16	Appearance/Odor: White Liquid/ Slight ammonia odor

X. STABILITY AND REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable under conditions of normal use.	Conditions to avoid: Exposure to elevated temperatures can cause product to decompose.
Hazardous Polymerization: Will not occur.	Materials to avoid: Avoid contact with strong acids, alkalis, oxidizers.

Hazardous Decomposition Products: CO₂, CO; soot, smoke 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.

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 sewers, waterways or drains.

XIV. TRANSPORT INFORMATION

Flammability Classification:

OSHA: Class III B

DOT Hazard Classification (ground): Not Regulated

IMDG Hazard Classification (ocean): Non Regulated

ICAO/ IATA Hazard Classification (air): Not Regulated

TDG Hazard Classification (ground): Not Regulated

XV. REGULATORY INFORMATION

SARA Title III Section 313:

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

<u>Chemical</u>	<u>CAS#</u>	<u>%</u>
Ethyl Acrylate	140-88-5	0.013

All components are in compliance with the following inventories:
U.S, TSCA, Canadian DSL, EU, EINECS, Australia, Korean, AICS, Philippine PICCS.

TSCA Section 8(b) Inventory Status:

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

CERCLA Reportable Quantities

These component(s) are present which could require reporting under CERCL 40 CFR 302.4.

<u>Chemical</u>	<u>CAS #</u>	<u>CERCLA RQ</u>
Ethyl Acrylate	140-88-5	1000 LBS

OSHA Hazard Communication Standard

This product is not a Hazardous material as defined by the OSHA Hazard Communications Standard, 29 CFR 1910.1200.

U.S. State Regulations

California Proposition 65:

This product contains a chemical(s) known by the state of California to cause cancer.

<u>Chemical</u>	<u>CAS#</u>	<u>%</u>
Ethyl Acrylate	140-88-5	0.013

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.