

For Printing Inks and related Materials
OSHA Hazard Communication Standard, 29 CFR 1910.1200

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>2</td></tr> <tr><td>Reactivity</td><td>1</td></tr> <tr><td>Personal Protection</td><td>D</td></tr> </table>	Health	1	Flammability	2	Reactivity	1	Personal Protection	D
Health	1								
Flammability	2								
Reactivity	1								
Personal Protection	D								
Product Class: Lithographic Blanket Wash	Manufacturer's code: S- 1848								
Trade Name: Autowash .85 LA									

II COMPOSITION / INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
Parachlorobenzotrifluoride	98-56-6	60-90	OSHA/ PEL ACGIH/ TLV	NE NE
Mineral Spirit, Med. Aliphatic Solvent Naphtha	64742-88-7	5-20	OSHA/ PEL ACGIH/ TLV	100 ppm 100 ppm

III. HEALTH HAZARD INFORMATION

Effects of Overexposure
Inhalation: May cause CNS depression. Breathing of high vapor concentrations may cause central nervous system (CNS) depression resulting in dizziness, light headedness, headache, and nausea and loss coordination. In extreme cases unconsciousness and death may occur. Vapor harmful. Pre-existing respiratory disorders may be aggravated.
Skin Contact: Avoid skin contact. May cause irritation to the skin. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping, and reddening. Pre-existing skin disorders may be aggravated.
Eye Contact: Avoid eye contact. This product may be irritating to the eyes upon direct contact. Exposure to high concentrations of vapors may be irritating to the eyes. Pre-existing eye disorders may be aggravated.
Ingestion: Do not ingest. May be harmful if swallowed. 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 Notes to Physician section below. Comments: Pre-existing medical conditions of the following organ (s) or organ systems (s) may be aggravated by exposure to this material, eyes, skin. Causes central nervous system depression. (CNS).

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 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. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. 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: 109 TCC	Auto-ignition Temperature °F: No Data
Flammable Limits in Air	Lower Limit %: 0.9 Upper Limit %: 10.5
Extinguishing Media: Use water fog, Alcohol foam, CO ₂ , or dry chemical extinguishing media.	
Special Fire Fighting Procedures: Combustible! Use self-contained breathing apparatus. Water may be used to cool closed containers to prevent pressure build up.	
Unusual Fire & Explosion Hazard: Fire-exposed containers should be cooled with water to prevent pressure build which could result in container rupture.	

VI. ACCIDENTAL RELEASE

Steps to be taken in event of spill or release: Remove all sources of ignition and provide ventilation. Large spills may be pumped to salvage vessels. Small spills may be picked up with absorbent material.

VII. HANDLING AND STORAGE

Handling and Storage: Store in containers in a cool, well-ventilated area. Keep away from heat, sparks and open flames. Keep containers closed when not in use. Ground equipment to prevent accumulation of static charge. Do not cut, weld, drill or grind on or near containers.

Other Precautions: For industrial use only. Do not ingest. Consumption of food and beverages should be avoided in work areas where hydrocarbons are present. 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.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation Requirements: Use explosion proof ventilation as required to control vapor concentrations. Ventilation, in accordance with good engineering practice must be provided to maintain concentrations below the specific exposure or flammable limits.

Personal Protective Equipment

Respirator: Use self-contained breathing apparatus where vapor concentration may be above TLV limits. Where vapor does not exceed TLV limits, use NIOSH/MSHA approved respirator.

Skin: Use chemical resistant gloves. Safety showers should be provided. Wash hands thoroughly before eating or using the washroom. Smoke in smoking areas only.

Eye: Use safety glasses, splash goggles or face shield. Contact lenses should not be worn. Eye wash stations should be provided.

IX. PHYSICAL AND CHEMICAL DATA

Boiling Range °F: 282- 330	Vapor Density (Air = 1): > 1
Relative Density (H₂O = 1): 1.19	Vapor Pressure (mm Hg @ 68 F): 5.3
Material Density Lbs./Gal: 9.93	Solubility in Water: Slightly soluble
% Volatiles by Wt minus SCAQMD exempt*: 7.1 % Total Volatiles by Weight: 78	Evaporation Rate: Slower than Ether
VOC Minus SCAQMD exempt*: Lbs/Gal: 0.71 g/L 86 Total VOC: Lbs/Gal: 7.75 g/L : 928	Appearance/Odor: Clear Liquid/ Solvent Odor * This product contains solvent that is VOC exempt by SCAQMD Rule 102.

X. STABILITY AND REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable	Conditions to avoid: Avoid heat, sparks and open flame.
Hazardous Polymerization: Will not occur.	Materials to avoid: Strong oxidizing agents.
Hazardous Decomposition Products: Thermal decomposition may yield carbon dioxide and / or carbon monoxide.	

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: Place in tightly closed containers and disposed of in accordance with local, state and federal regulations.

XIV. TRANSPORT INFORMATION

Flammability Classification:

OSHA: Combustible Class II

DOT: Combustible Liquid (flashpoint > 100F)

DOT Shipping Name: Flammable Liquids N.O.S (Parachlorobenzotrifluoride, Mineral Spirits) 3, UNI 1993, PG III

XV. REGULATORY INFORMATION

SARA Title III Section 313:

This material does **not** contain chemicals subject to the reporting requirements of the Superfund Amendments and Reauthorization ACT (SARA).

Chemical	CAS#	%

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 intentionally contain any chemicals known by the state of California to cause cancer and/or reproductive harm. Moreover, Gans Ink and Supply Co., Inc. do 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. assume 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.