

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>3</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	2	Flammability	3	Reactivity	0	Personal Protection	B
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Flammability	3								
Reactivity	0								
Personal Protection	B								
Product Class: Blanket & Roller Wash	Manufacturer's code: S-1654 P								
Trade Name: 50/ 50 Wash GA									

II. HAZARDOUS INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
Methyl Acetate	79-20-9		ACGIH /TWA	200 ppm
			ACGIH / STEL	250 ppm
			OSHA / PEL Z-1 610 mg/m3	200 ppm
Acetone	67-64-1		ACGIH /TWA	500 ppm
			ACGIH / STEL	750 ppm
			OSHA / PEL 2,400 mg/m3	1000 ppm
			OSHA /TWA 1,800 mg/m3	750 ppm
			OSHA / STEL 2,400 mg/m3	1000 ppm
~Parachlorobenzotrifluoride	98-56-6		OSHA / PEL	NE
			ACGIH / TLV	NE
2-Butoxyethanol, Ethylene Glycol Butyl Ether	111-76-2		OSHA / PEL	50 ppm
			ACGIH /TLV	25 ppm
			OTHER	NE

III. HEALTH HAZARD INFORMATION

Effects of Overexposure
<p>Inhalation: Avoid inhalation. May cause irritation to respiratory system, nose, throat and lungs. Pre-existing respiratory disorders may be aggravated. May cause CNS (central nervous system) depression, which may be evidenced by giddiness, headache, dizziness and nausea; in extreme cases, unconsciousness and death may occur. Prolonged contact may result in damage to central nervous system, liver and kidneys. 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.</p>
<p>Skin Contact: 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.</p>
<p>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.</p>

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.

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. Thoroughly 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. 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: 1 °F TOC		Auto-ignition Temperature °F: No Data
Flammable Limits in Air (% Volume)	Lower Limit: 0.9	Upper Limit: 16.0
<p>Extinguishing Media: Use water fog, alcohol foam, CO₂, or dry chemical extinguishing media.</p> <p>Special Fire Fighting Procedures: Flammable!! Use self-contained breathing apparatus. Water spray will reduce intensity of flames. Water may be ineffective, but can be used to cool containers exposed to heat or flame.</p> <p>Unusual Fire & Explosion Hazard: Fire exposed containers should be cooled with water to prevent pressure build-up which could result in container rupture. Dense smoke may be generated while burning; carbon dioxide, carbon monoxide, and other oxides may be generated as products of combustion.</p>		

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, cover with an absorbent material such as vermiculite, sand, dirt etc. Scrape up with trowel and place in a suitable container. Do not allow to enter waterways, drains, or sewers.

VII. HANDLING AND STORAGE

Handling and Storage: Store in containers in a cool, well-ventilated area. Keep away from all sources of ignition, open flame, sparks or heat. Ground equipment to prevent accumulation of static charge. Do not cut, weld, drill or grind on or near containers. 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. Smoke in designated smoking areas only.

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: Use explosion-proof ventilation as required to control vapor concentrations. 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: 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. Do not use compressed oxygen in hydrocarbon atmospheres.
Skin: Use impervious chemical resistant gloves. Safety showers should be provided.
Eye: Eye protection is required under conditions of normal use. Wear plastic face shield or splash-proof safety glasses or goggles. Eyewash stations should be provided. Contact lenses should not be worn.

IX. PHYSICAL AND CHEMICAL DATA

Boiling Range °F: 133- 340 °F	Vapor Density (Air = 1): > 1
Relative Density (H₂O = 1): 1.01	Vapor Pressure (mm Hg @ 68°F): Negligible
Material Density Lbs./Gal: 8.38	Solubility in Water: Sl. Soluble
% Volatile Organic Compounds (VOC) by Weight: 9.3	Evaporation Rate: Slower than ether
VOC: lbs/gal: 0.78 g/L: 93.6	Appearance/Odor: Clear liquid/ solvent odor

X. STABILITY AND REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable	Conditions to avoid: Avoid excessive heat, sparks and open flame.
Hazardous Polymerization: Will not occur.	Materials to avoid: Strong oxidizing agents.
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

XII. ECOLOGICAL INFORMATION

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

Flammability Classification:	Flammable Liquid
OSHA:	Class I B
DOT (Ground):	NA 1993, Compound, Cleaning Liquid, (Parachlorobenzotrifluoride), 3, PGII
IATA/ ICAO (Air):	UN1993, Flammable Liquid, n.o.s. (Parachlorobenzotrifluoride), 3, PGII

XV. REGULATORY INFORMATION

SARA Title III Section 313: This material contains chemicals subject to the reporting requirements of the SARA Superfund Amendments and Reauthorization Act.		
<u>Chemical</u>	<u>CAS#</u>	<u>%</u>
~Parachlorobenzotrifluoride	98-56-6	28

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

<u>Chemical</u>	<u>CAS#</u>	<u>CERCLA RQ</u>
Acetone	67-64-1	5,000 LB

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 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

