

**SAVOGRAN COMPANY
PAINTER'S CLEAN AIR LACQUER THINNER**

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Date Prepared September 12, 2007
Product Number 1040

Chemtrec 800-424-9300

MATERIAL SAFETY DATA SHEET

A. IDENTIFICATION AND EMERGENCY INFORMATION

Product Name Painter's Clean air Lacquer Thinner	Product Code 1040
Chemical Name Not Applicable	CAS Number Mixture

Product Appearance and Odor
Clear Liquid
Solvent Odor

B. COMPONENTS AND HAZARD INFORMATION

The composition of this mixture may be proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse. This product is hazardous as defined in 29 CFR 1910.1200, based on the following compositional information:

Components	CAS No.	OSHA Hazard
Product	Mixture	Flammable
Isopropanol	67-63-0	OSHA PEL;ACGIH TLV
n Butyl Acetate	123-86-4	Eye Irritant
Methanol	67-56-1	
Acetone	67-64-1	
VM&P Naphtha	8032-43-4	
Toluene	108-88-3	
Hexane	110-54-3	

For Additional Information See Section C

Hazardous Materials Identification System (HMIS)

Health	Flammability	Reactivity	Basis	Recommended by Savogran
2	3	0		

Hazard Rating	Least – 0	Slight – 1	Moderate – 2	
	High – 3	Extreme – 4		

	Exposure Limit	Units	Agency	Type
Isopropanol	200	ppm	ACGIH	TWA
	400	ppm	OSHA	TWA
n Butyl Acetate	150	ppm	OSHA & ACGIH	TWA
	200	ppm	OSHA & ACGIH (Skin)	TWA
Acetone	500	ppm	ACGIH, A4	TWA
	1000	ppm	OSHA	TWA
VM&P Naphtha	300	ppm	ACGIH, A3	TWA
Toluene	20	ppm	ACGIH, A4	TWA
	200	ppm	OSHA	TWA
Hexane	50	ppm	ACGIH	TWA
	500	ppm	OSHA	TWA

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C. PRIMARY ROUTES OF ENTRY AND EMERGENCY AND FIRST AID PROCEDURES

Eye Contact

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

Skin

In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

Inhalation

If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation; administer oxygen, if available.

Ingestion

If ingested, **DO NOT** induce vomiting; call a physician immediately.

D. FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point (Minimum)

<-1°F TCC

Autoignition Temperature

Mixture/Not Established

National Fire Protection Association (NFPA) – Hazard Identification

Health	Flammability	Reactivity	Basis
2	3	0	

Recommended by the National Fire Protection Association

Hazard Rating Least – 0 Slight – 1 Moderate – 2
High – 3 Extreme – 4

Handling Precautions

This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Keep product away from ignition sources, such as heat, sparks, pilot lights, static electricity, and open flames.

Flammable or Explosive limits (Approximate percent by volume in air)

Estimated values: lower flammable limit

Upper Flammable Limit

Mixture/Not Established

Extinguishing Media and fire Fighting Procedures

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's "Fire Protection Guide on Hazardous Materials", Eighth Edition (1984):

Use dry chemical, foam or carbon dioxide to extinguish the fire. Water may be ineffective, but water should be used to keep fire exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect men attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied air-breathing equipment for enclosed or confined spaces or as otherwise needed.

NOTE: The inclusion of the phrase "water may be ineffective" is to indicate that although water can be used to cool and protect exposed material, water may not extinguish the fire unless used under favorable conditions by experienced fire fighters trained in fighting all types of flammable liquid fires.

Decomposition Products Under Fire Conditions

Fumes, smoke, carbon monoxide, and other decomposition products, in the case of incomplete combustion.

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"Empty" Container Warning

"Empty" containers retain residue (liquid and/o vapor) and can be dangerous. DO NOT PRESSURIZE, CUT WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. For work on tanks refer to Occupational Safety and Health Administration regulations, ANSI Z49.1, and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

E. HEALTH AND HAZARD INFORMATION

Variability among Individuals

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

Effects of Overexposure (Signs and Symptoms of Exposure)

High vapor concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

Nature of Hazard and Toxicity Information

Eye Contact:

Irritating, and will injure eye tissue if not removed promptly.

Skin Contact:

Frequent or prolonged contact may irritate and cause dermatitis. Low order of toxicity.

Inhalation:

High vapor concentrations are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.

Ingestion:

Minimal Toxicity.

Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchopneumonia or pulmonary edema.

Pre-Existing Medical conditions which may be aggravated by exposure

Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to this product.

F. PHYSICAL DATA

The following data are approximate or typical values and should not be used for precise design purposes.

Boiling Range

>131 °F

Vapor Pressure

No data

Specific Gravity (15.6 C/15.6 C)

0.767

Vapor Density (Air=1)

Heavier than 1

Molecular Weight

N/A

Percent Volatile by Volume

100%

PH

N/A

Evaporation Rate @ 1 ATM and 25 C (77 F)

Not Established

(n-Butyl Acetate =1)

Pour, Congealing or melting point

N/A

Solubility in water @ 1 ATM and 25 C (77 F)

Not Established

Viscosity

N/A

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G. REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

H. ENVIRONMENT INFORMATION

Steps To Be Taken In Case Material Is Released Or Spilled

Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas.

Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material. Handling equipment must be grounded to prevent sparking.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

Reportable Quantity (RQ), EPA Regulation 40 CFR (Cercla Section 102)

Acetone is	15,151 lbs.
Toluene	5,126 lbs
Methanol	126,263 lbs.

Threshold planning quantity (TPQ), EPA Regulation 40 CFR 355 (Sara Sections 301 –304)

No TPQ for product or any constant greater than 1% or 0.1% (carcinogen).

Toxic chemical release reporting, EPA Regulation 40 CFR 372 (Sara Section 313)

This product contains toluene, and methanol.

HAZARDOUS CHEMICAL REPORTING, EPA REGULATION 40 CFR 370 (SARA SECTIONS 311-312)

Acute	Chronic	Fire	Pressure	Reactive	Not Applicable
Hazard	Hazard	Hazard	Hazard	Hazard	
XXX	XXX	XXX			

I. PROTECTION AND PRECAUTIONS

Ventilation

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or build up of explosive concentrations of vapor in air. No smoking, flame or other ignition sources. Use explosion-proof ventilation as required to control particulate concentrations.

Respiratory Protection

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

Protective Gloves

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye Protection

Use splash goggles or face shield when eye contact may occur.

Other Protective Equipment

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

Work Practices/Engineering Controls

Keep containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants. To prevent fire or explosion risk from static accumulation and discharge, effectively ground product transfer system in accordance with the National Fire Protection Association standard for petroleum products.

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In order to prevent fire or explosion hazards, use appropriate equipment.

Information on electrical equipment appropriate for use with this product may be found in the latest edition of the National Electrical Code (NFPA-70). This document is available from the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269

Personal Hygiene

Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before re-use. Remove contaminated shoes and thoroughly clean and dry before re-use. Cleanse skin thoroughly after contact before breaks and meals and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water. Eye wash fountains and safety showers should be available for emergency.

J. TRANSPORTATION AND OSHA RELATED LABEL INFORMATION

Transportation Incident Information

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents, DOT 5800.3.

DOT Identification Number

Paint Related Material/3/UN1263/PGII

OSHA Required Label Information

In compliance with hazard and right-to-know requirements, the following OSHA Hazard Warnings should be found on a label, bill of lading or invoice accompanying this shipment.

DANGER!

FLAMMABLE

Note: Product label will contain additional non-OSHA information.

The information and recommendations contained herein are, to the best of Savogran knowledge and belief accurate and reliable as of the date issued. Savogran does not warrant or guarantee their accuracy or reliability, and Savogran shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.

The environmental information included under section H hereof as well as the hazardous materials identification system (HMIS) and National Fire Protection Association (NFPA ratings have been included by Savogran in order to provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with Savogran interpretation of the available data.