

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION

Distributor	Clausen Carpet Solutions	Emergency Phone	800-444-8900
Address	P.O. Box 37 Folcroft, PA 19032		
Trade Name	GTO CARPET PLUS	Product Type	Aerosol Solvent Spot Remover

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Perchloroethylene*	127-18-4	70-75	PEL(OSHA) 25 PPM; ACGIH (TLV) 25 PPM
Isopropyl Alcohol	67-63-0	15-20	TWA(OSHA) 400 ppm ; ACGIH 400 ppm
Toluene*	108-88-3	1-5	TWA(OSHA) 100 ppm ; ACGIH(TWA) 50 ppm
Carbon Dioxide	124-38-9	1-5	PEL(OSHA) 5000 PPM; ACGIH (TLV) 5000PPM

Other ingredients in this product are : Less than 1% by weight or less than 0.1% for carcinogens Not hazardous Declared to be Trade Secret

SECTION 3 - PHYSICAL DATA

Boiling point(°F.)	250	Specific Gravity(H ₂ O=1.0) (± 0.005)	1.35	pH (± 0.5)	N/A
Vapor Pressure(mm Hg)	14mm Hg	Vapor Density(Air=1)	>1		
Solubility in water	<input type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input checked="" type="checkbox"/> Slight (or Partial)				
Evaporation Rate(vs. H ₂ O)	<input checked="" type="checkbox"/> Faster <input type="checkbox"/> Slower <input type="checkbox"/> About the Same				
Appearance and Odor	Clear colorless liquid with ethereal odor				

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.)	N/A	°F.	<input type="checkbox"/> None to Boiling	Flammable Limits	Upper	N/A	Lower	N/A
Extinguishing Media	Water fog.							
Special Firefighting Procedures	Firefighters should use self-contained respiratory protection in buildings or confined spaces.							
Unusual Fire and Explosion Hazards	Aerosol cans are under pressure - exposure to temperatures above 120°F. can cause bursting or "rocketing" of cans.							

SECTION 5 - REACTIVITY DATA

Stability	Avoid open flames and high	Incompatibility	Strong oxidizers & active metals
Hazardous Decomposition Products	Carbon monoxide, Carbon dioxide, hydrogen chloride, phosgene.		

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other		
Signs and Symptoms of Overexposure (Acute)	Eyes: Temporary irritation, redness, blurred vision. Skin: Prolonged contact can cause irritation and dermatitis. Inhalation: Overexposure can cause irritation of respiratory tract and central nervous system. Ingestion: Nausea, diarrhea.		
Signs and Symptoms of Overexposure(Chronic)	Perchloroethylene has been shown to cause cancer in laboratory animals. Epidemiological studies linking Perchloroethylene		
Medical Conditions Aggravated by Overexposure	Pre-existing skin disorders.	Carcinogen/Suspect Carcinogen Ingredients	<input checked="" type="checkbox"/> NTP <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> IARC <input type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush thoroughly with water for at least 15 minutes.
Skin	Wash affected area with soap and water.
Ingestion	Do NOT induce vomiting. Drink two glasses of water and contact physician, hospital, or poison control center.
Inhalation	Move to fresh air. Give oxygen to exposed person, if necessary.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not required when used as directed. Respirators with organic vapor filters may be used in confined spaces or poorly ventilated areas.				
Ventilation Requirements	<input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Room Ventilation Is Adequate				
Protective Gloves	PVA or	Eye Protection	Safety glasses/goggles	Other Protective Clothing	Not required for normal use

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	In case of spill or accidental release: Use absorbent material to soak up liquid. Place used absorbents into closed DOT-approved containers for disposal.
Waste Disposal Methods	Always use up product according to label directions before disposal. Offer empty container for recycling where facilities exist. If recycling is not available, wrap

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage	Shake well before using. Keep away from heat, sparks and open flames. Prolonged exposure to direct sunshine or storage above 120°F may cause can to burst. Do not puncture or incinerate can. Contents under pressure. Perchloroethylene has been shown to cause cancer in laboratory animals. Avoid prolonged breathing of vapors or contact with skin. Wash hands thoroughly after use. Note to physician: do not give stimulants. Epinephrine or ephedrine may adversely affect the heart with fatal results.
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The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of over exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, under normal conditions of use.

DATE PREPARED
1/1/2008