

TRADE NAME: Deglazing Solvent

DATE: August 2006  
(Revised)

I. PRODUCT IDENTIFICATION

Name/Synonym: Ink/Glaze Remover

83-0-105532  
Part Numbers: 83-9-105533

Manufactured and Distributed by:

Presstek, Inc.  
55 Executive Drive  
Hudson, NH 03051

Emergency Phone - Day - (603) 595-7000  
Night - Chemtrec (800)424-9300

II. INGREDIENTS - Confidential Information for Safety/Health Use Only  
(ALL EXPOSURE LIMITS ARE PPM UNLESS OTHERWISE NOTED)

Chemical Name	CAS#	OSHA PEL	ACGIH, TLV, TWA	NIOSH, EXPOSURE LIMITS STEL	NTP, IARC OSHA CARCINOGEN	WT %
Trichloroethylene	79-01-6	50	50	100	No	>99
See Section VII for Health Hazard Data						

III. PHYSICAL PROPERTIES

Boiling Point (°F): 188°F                      Specific Gravity (H2O=1): 1.47  
Vapor Pressure (mmHg): 58@20°C              Melting Point: N/A  
Vapor Density (Air=1): 4.54                      Evaporation Rate  
Solubility in Water: negligible                  (ethyl ether=1): 0.28  
Appearance/Odor: clear colorless liquid      pH: N/A  
ether like odor

IV. FIRE AND EXPLOSION HAZARD

Flash Point: none (TAG cc)              Flammable Limits; LEL: 7.8% UEL: 52%  
Extinguishing Media: water, dry chemical or CO2.  
Special Fire Fighting Procedure: Fire fighters should wear NIOSH-  
approved self-contained breathing apparatus for exposure to  
hydrogen chloride and possible traces of phosgene.  
Unusual Fire/Explosion Hazards: Vapors concentrated in a confined or  
poorly ventilated area can be ignited upon contact with a spark,  
flame or high intensity source of heat. Decomposition or burning  
can produce hydrogen chloride or possible traces of phosgene.

N/A = Not Applicable  
N/E = Not Established

## V. REACTIVITY DATA

Stability: Stable Conditions to Avoid: Open flames, hot surfaces.  
Incompatibility, Materials to Avoid: Caustics and Oxidizers.  
Hazardous Decomposition Products: HCl and traces of phosgene.  
Hazardous Polymerization: Will not occur.

## VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSAL

Small spills; wipe up with rags. Large spills; ventilate area and wear vapor cartridge respirator. Dike and recapture liquid if possible. Use neutral absorbant. Disposal; place in closed containers for disposal. Dispose of in accordance with local, state, or federal laws and regulations regarding disposal.

## VII. HEALTH HAZARD DATA

A) Routes of entry, signs and symptoms of overexposure as well as acute and chronic effects.

Eye: Liquid splashed can result in pain and irritation.

Skin: Irritating, will defat skin and may cause dermatitis.

Inhalation: Central Nervous System depressant. Over-exposure may cause damage to CNS and cause respiratory tract irritation, dizziness, headache, loss of coordination, or unconsciousness in poorly ventilated areas. Fatalities following severe acute exposure to various chlorinated solvents have been attributed to ventricular fibrillation. Prolonged exposure above the OSHA permissible exposure limits may cause liver and kidney damage.

Ingestion: Irritation of mouth and GI tract. Vomiting and aspiration into the lungs may lead to chemical pneumonia and pulmonary edema, which is a potentially fatal condition.

Target Organs: Skin, CNS, CVS, eyes.

B) CARCINOGENICITY: NTP no IARC no OSHA no

C) Medical conditions generally aggravated by normal exposure:

Increased sensitivity to adrenalin may be caused by overexposure.

D) Emergency and First Aid

Eye: Flush immediately with copious amounts of water.

Skin: Wash with soap and water promptly.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Get medical help.

Ingestion: DO NOT induce vomiting; give lots of water and take to hospital for further treatment.

## VIII. SPECIAL PROTECTION INFORMATION

Respiration Protection: Use only with adequate ventilation. Use organic vapor cartridge respirator in high vapor area.

Ventilation - Local Exhaust: Recommended.

Protective Gloves: Nitrile NBR Eye Protection: Safety glasses

Other Protection: Apron to prevent absorption on to clothing.

IX. SPECIAL PRECAUTIONS

Handling and Storage: Store in a cool place. Keep containers closed when not in use. Do not use with or on aluminum parts.  
Other: Read and follow directions on label. Do not reuse container. For Commercial/Industrial use only. Keep from reach of children.

X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)  
1,1,2-trichloroethylene  
Reportable Quantity (40 CFR 355: SARA Sec. 302)  
None  
Hazardous Substance (40 CFR 302: CERCLA Table 302.4)  
1,1,2-trichloroethylene RQ 100 lbs.  
RCRA Waste Number  
U228  
Volatile Organic Compounds  
12.2 lbs./gallon  
SARA Hazard Class  
Acute: yes Chronic: yes Fire: no Pressure: no Reactivity: no  
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HMIS Rating  
Health: 2 Flammability: 0 Reactivity: 0 Personal Protection: B  
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XI. SHIPPING INFORMATION

SURFACE, VESSEL, AND AIR:

Proper Shipping Name: Trichloroethylene, 6.1, UN 1710, III  
Labeling: Surface and Vessel; None (LTDQTY)  
Air; "Keep Away From Food" label required.

NOTE:

The chemicals in this product are listed on the TSCA inventory.

XII. DISCLAIMER

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind. Presstek believes that the information contained herein is current as of the revision date of this MSDS. Since the conditions of use of this product are beyond the control of Presstek, it is the obligation of the user to determine the conditions for safe use.