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MATERIAL SAFETY DATA SHEET

Page 1 of 3

TRADE NAME: Blankrola Solvent

DATE: August 2006
(REVISED)

I. PRODUCT IDENTIFICATION

Part Numbers: 83-1-770004(1-Gal), 83-9-770005(5-Gal), 83-9-770055(50-Gal)

Name/Synonym: Blanket Cleaning Solvent

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	ACGIH, NIOSH		NTP, IARC	WT %
		PEL	TLV, EXPOSURE	OSHA		
		LIMITS				
			TWA	STEL	CARCINOGEN	
Perchloroethylene	127-18-4	25	50	200	Yes*	25
Aliphatic Hydrocarbon	64742-48-9	100**	100	200	No	60-65
Aliphatic Hydrocarbon	8032-32-4	300	300	400	No	5-10
Aromatic Hydrocarbon	64742-95-6	100	100	150	No	5-8

* Found to be a potential human carcinogen.

** Recommend that limits for Stoddard Solvent be used as a guide.
This product is an OSHA Class II Combustible Liquid.

III. PHYSICAL PROPERTIES

Boiling Point (°F): 250-300 Specific Gravity (H2O=1): 0.97
Vapor Pressure (mm Hg): 2.86 @20°C Melting Point: N/E
Vapor Density (Air=1): 5.83 Evaporation Rate
Solubility in Water: < 0.1 % (butyl acetate=1): 1.4
Appearance/Odor: Blue liquid, odor pH: N/A
of perchloroethylene

IV. FIRE AND EXPLOSION HAZARD

Flash Point: 108°F Tag CC Flammable Limits: LEL: 1.1 UEL: 5.9
Extinguishing Media: CO2, Foam, Dry Chemical
Special Fire Fighting Procedure: Water could spread the fire.
Unusual Fire/Explosion Hazards: Chlorinated hydrocarbons involved
in fires can decompose to hydrogen chloride and traces of phosgene.

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

V. REACTIVITY DATA

Stability: Stable Conditions to Avoid: Open Flames

Incompatibility, Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Burning may produce CO, CO2, HCl and traces of phosgene.

Hazardous Polymerization: Will not occur.

VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSAL

Absorb spills with absorbent material. Disposal;[Hazardous waste] dispose of waste solvent and any absorbant in accordance with EPA regulations. DO NOT pour into sewer, septic or onto ground.

VII. HEALTH HAZARD DATA

- A) Routes of entry, signs and symptoms of overexposure, acute and chronic effects.
- Eye: Irritation can occur from perchloroethylene.
 - Skin: Prolonged contact may cause dermatitis.
 - Inhalation: Has narcotic effect - avoid prolonged contact. May cause lost coordination or tremors upon overexposure.
 - Ingestion: Nausea, GI irritation, if aspirated may be rapidly absorbed through the lungs and injure other systems.
 - Target Organs: skin, eyes, resp. sys., CNS, liver, kidney.
- B) Carcinogenicity: IARC and OSHA have determined that perchloroethylene is a potential human carcinogen.
- C) Medical conditions generally aggravated by normal exposure: Blood pressure, heart, liver, kidney or pulmonary problems. Nervous conditions, excessive obesity or alcohol consumption problems.
- D) Emergency and First Aid
- Eye: Irrigate with water for 10-15 minutes.
 - Skin: Wash with water. Wash contaminated clothing.
 - Inhalation: Move to fresh air, if breathing is difficult, give oxygen.
 - Ingestion: DO NOT induce vomiting. Get medical aid.

VIII. SPECIAL PROTECTION INFORMATION

Respiration Protection: If required, an approved self-contained breathing apparatus.

Ventilation - Local Exhaust: Only if TLV is exceeded.

Protective Gloves: Nitrile NBR Eye Protection: Safety Glasses

Other Protection: Rubber apron to keep solvent off clothing.

IX. SPECIAL PRECAUTIONS

Handling and Storage: Store in a cool, dry place in an area for Class II combustible liquids. Keep from reach of children.

Other: For Commercial use only. Deposit wiping cloths in safety container to avoid combustion. Do not reuse container.

X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)

perchloroethylene (tetrachloroethylene) 25% max.

Hazardous Substance (40 CFR 302: CERCLA Table 302.4)

perchloroethylene, RQ 100 lb.

RCRA Waste Number

U210 (tetrachloroethylene); Used Product: F001

Volatile Organic Compounds

8.09 lbs./gallon or 969.4 grams/liter (calculated)

SARA Hazard Class

Acute: yes Chronic: yes Fire: yes Pressure: no Reactivity: no

HMIS Rating

Health: 2 Flammability: 2 Reactivity: 0 Personal Protection: B

XI. SHIPPING INFORMATION

- * One Gallon Container (83-1-770004) and Five Gallon Can (83-9-770005)

SURFACE Transportation:

Proper Shipping Name: Not Regulated

Labels: None

VESSEL Transportation:

Proper Shipping Name: Flammable Liquid, n.o.s. (naphtha), 3, UN1993,

UN1993, PG III, FP 108F.

Labels: 1-Gal.- None (LTDQTY)

5-Gal.- Flammable Liquid

AIR Transportation:

Proper Shipping Name: 1 Gallon; Same as "Vessel" above.

5 Gallon; FORBIDDEN on Passenger Plane,

OK on Cargo Plane

Labels: "Flammable Liquid" labels required on both 1-Gal. and 5-Gal.

- * Fifty Gallon (83-9-770055) Drum

SURFACE Transportation:

Proper Shipping Name: Environmentally Hazardous Substance, Liquid,
9, UN 3082, PG III, RQ Tetrachloroethylene

VESSEL Transportation:

Proper Shipping Name: Flammable Liquid, n.o.s., (Naphtha), 3,

UN 1993, PG III, F.P. 108°F

Stowage Info: May be stored above deck or below deck on

either passenger or cargo vessels. M3 (rsvd).

AIR Transportation: FORBIDDEN (Drum is too large).

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.