

REC'D FEB 2 1 2000

**MATERIAL SAFETY DATA SHEET**

For Coatings, Resins and Related Materials

**5980**

Printed: 01/27/98

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**SECTION I - PRODUCT IDENTIFICATION****CHM00087****STEWART / HALL****DIVISION OF THE RECTORSEAL CORPORATION**

222 Washington Street • Mt. Vernon, NY 10553  
 Information Phone: (914) 668-6300  
 Emergency Phone: (800) 424-9300  
 CHEMTREC Phone: (800) 424-9300

D.O.T. Hazard Class: NON-FLAMMABLE

Proper Shipping Name:

Technical Name:

UN #: "UN1956"

Trade Name: **ZIPP SPRAY**

Product Class: CHLORINATED CLEANER

Product Code: Z05300DA

C.A.S. Number: MIXTURE

Prepared By: HARVEY GRODJESK

Title: GENERAL MANAGER

Hazard Ratings:	Health - 2
none	extreme
0	4
	Fire - 0
	Reactivity - 0
	Personal Protection - B

**SECTION II - HAZARDOUS INGREDIENTS**

Ingredients	CAS#	Weight --- Exposure Limits --- VP			
		%	ACGIH / TLV	OSHA / PEL	mmHG
PERC/METHYLENE CHLORIDE	MIXTURE	96.88	50 ppm	25 ppm	13
		STEL = 200	ppm	200 ppm	

\*\*\*All ingredients in this product are listed in the T.S.C.A. Inventory.

THIS MIXTURE CONTAINS 95% PERCHLOROETHYLENE 5% METHYLENE CHLORIDE.

PERCHLOROETHYLENE IS LISTED AS A POTENTIAL CARCINOGEN AND METHYLENE CHLORIDE A SUSPECT CARCINOGEN.

N.E. = Not Established

**SECTION III - PHYSICAL DATA**

Boiling Range: 240

Evap. Rate: Faster than n-Butyl Acetate

Volatiles vol % 100.0 wgt% N.A.V

Vapor Density: Heavier than Air.

Liquid Density: Heavier than Water.

Wgt per gallon: 11.99 Pounds

Spec. Gravity: 1.43938

Appearance: CLEAR LIQUID. AROMATIC ODOR.

V.O.C.: 5.0

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flammability Class: N.AV

Flash Point: None F TCC

LEL: N.AV

UEL: N.AV

**-EXTINGUISHING MEDIA:** NA**-SPECIAL FIREFIGHTING PROCEDURES:** NA**-UNUSUAL FIRE & EXPLOSION HAZARDS:** May generate Phosgene gas and Hydrochloric Acid when exposed to flame. Can may burst if exposed to temperatures above 120 F.**-FLAMMABILITY:** (NONE = NO)**SECTION V - TOXICOLOGICAL PROPERTIES****-PERMISSIBLE EXPOSURE LEVEL:** 25 PPM average for 8 hours based on Perchloroethylene**-EFFECTS OF CHRONIC OVEREXPOSURE:** Headache, nausea, drowsiness, dizziness, and unconsciousness. May cause irritation of eyes, nose, and throat. Perchloroethylene is listed as a potential carcinogenic and Methylene Chloride is a suspect carcinogen.**-FIRST AID:** Eyes: Wash with water for 15 minutes. If irritation persists, call a physician.

Skin: Wash with soap and water for 15 minutes.

Inhalation: Place individual in a ventilated area. If symptoms persist, or if respiration has stopped give artificial respiration and call physician.

Ingestion: There is no specific antidote. Call physician. Do not administer adrenaline.

**-EFFECTS OF ACUTE OVEREXPOSURE:** Eyes: Severe irritant if sprayed directly into eyes.

Skin: May cause temporary burning sensation and irritation. Prolonged contact may cause skin blistering.

Inhalation: Can cause dizziness. Intentional misuses by inhalation may cause unconsciousness or death.

**-ROUTE OF ENTRY:** Skin Contact - Inhalation**-EXPOSURE LIMITS:** 25 PPM for 8 hours based on Perchloroethylene.**-IRRITANCY OF PRODUCT:** Mild**-SENSITIZATION TO PRODUCT:** Yes**-CARCINOGENICITY:** Yes**-TERATOGENICITY:** No**-REPRODUCTIVE TOXICITY:** No**-MUTAGENICITY:** No**-SYNERGISTIC PRODUCTS:** Unknown

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**SECTION VI - PREVENTIVE MEASURE - REACTIVITY DATA**

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STABILITY:                    ( ) Unstable                    ( x ) Stable  
HAZARDOUS POLYMERIZATION:    ( ) May occur                    ( x ) Will not occur  
-INCOMPATIBILITY: NA  
-CONDITIONS TO AVOID: Avoid heating container.  
-HAZARDOUS DECOMPOSITION PRODUCTS: Phosgene gas and Hydrochloric Acid if exposed to open flames.

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**SECTION VII - PREVENTIVE MEASURES - SPILL OR LEAK PROCEDURES**

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-STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area. Use absorbent and place in a sealed container.  
-WASTE DISPOSAL METHOD: Dispose of in toxic landfill area. Do not discharge into water system. Empty cans can be disposed of in regular municipal trash.  
Do not incinerate or puncture closed cans.

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**SECTION VIII - PREVENTIVE MEASURES - SPECIAL PROTECTION INFORMATION**

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-RESPIRATORY PROTECTION: If in a closed area must be approved respirator for Chlorinated Hydrocarbon.  
-VENTILATION: Local exhaust  
-PROTECTIVE GLOVES: Rubber, Neoprene, or shield guard  
-EYE PROTECTION: Goggles  
-OTHER PROTECTIVE EQUIPMENT: None

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**SECTION IX - PREVENTIVE MEASURES - SPECIAL PRECAUTIONS**

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-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from heat. Do not store cans in areas above 120 F.  
-OTHER PRECAUTIONS: Do not inhale vapors. If material is released, ventilate area. Keep out of reach of children.

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**SECTION X - ADDITIONAL REGULATORY INFORMATION**

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**-SARA TITLE III SECTION 313:**

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

<u>CAS#</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
MIXTURE	PERC/METHYLENE CHLORIDE	96.88

**-PROP 65 (CARCINOGEN):**

WARNING: This product contains a chemical known to the stat of California to cause cancer.

<u>CAS#</u>	<u>Chemical Name</u>
MIXTURE	PERC/METHYLENE CHLORIDE

**-PROP 65 (TERATOGEN):**

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

<u>CAS#</u>	<u>Chemical Name</u>
	None

**-PROP 65 (BOTH CARCINOGEN AND TERATOGEN):**

WARNING: This product may contain a chemical known to the state of California to cause cancer or bith defects or other reproductive harm.

<u>CAS#</u>	<u>Chemical Name</u>
	None