



# MATERIAL SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI and Canadian WHMIS, And European Community Standards

## PART I What is the material and what do I need to know in an emergency?

### 1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED):

**202 E-Z 1**

**203 POOL PRO**

**PVC SOLVENT CEMENTS:**

**222 WET WELD**

**224 E-Z BLUE**

**Wet R' Dry 5E531**

**5E530**

CHEMICAL NAME/CLASS:

Polyvinyl Chloride / Solvent Mixture

PRODUCT USE:

Solvent Cement for PVC Material

SUPPLIER/MANUFACTURER'S NAME:

E-Z Weld, Inc

U.S. BUSINESS PHONE:

1-800-327-8460; 1-561-844-0241

U.S. ADDRESS:

1661 Old Dixie Highway  
Riviera Beach, FL 33404

U.S. EMERGENCY PHONE:

CHEMTREC:

1-800-424-9300 (U.S. and Canada)

1-703-527-3887 (International)

DATE OF PREPARATION:

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### 2. COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	EINECS #	% w/w	EXPOSURE LIMITS IN AIR					
				ACGIH		OSHA		IDLH ppm	OTHER
				TLV ppm	STEL ppm	PEL ppm	STEL ppm		
Tetrahydrofuran	109-99-9	203-726-8	25-65	50 A3 (confirmed Animal Carcinogen with Unknown Relevance to Humans)	100	200	250 (vacated 1989 PEL)	2000 (based on LEL)	NIOSH REL: TWA = 200 STEL = 250 DFG MAK: 50
Acetone	67-64-1	200-662-2	5-40	500 A4 (Not Classifiable as a Human Carcinogen)	750	1000 750 (vacated 1989 PEL)	NE 1000 (vacated 1989 PEL)	2500 (based on LEL)	NIOSH REL: TWA = 250 DFG MAK: 500  Carcinogen: EPA-D
Methyl Ethyl Ketone	78-93-3	201-159-0	30-35	200	300	200	300 (vacated 1989 PEL)	3000	NIOSH REL:  TWA = 200 STEL = 300 DFG MAK: 200  Carcinogen: EPA-D
Polyvinyl Chloride Resin	9002-86-2	206-625-7	< 25	NE	NE	NE	NE	NE	Carcinogen: IARC-3;

NE = Not Established. C = Ceiling Limit. See Section 16 for Definitions of Terms Used.

NOTE: All WHMIS and EC required information is included. It is located in appropriate sections based on the ANSI Z400.1-1993 format.

## 2. COMPOSITION and INFORMATION ON INGREDIENTS (Continued)

CHEMICAL NAME	CAS #	EINECS #	% w/w	EXPOSURE LIMITS IN AIR					
				ACGIH		OSHA		IDLH ppm	OTHER
				TLV ppm	STEL ppm	PEL ppm	STEL ppm		
Silicon Dioxide  (exposure limits are for silica-amorphous diatomaceous earth)	112945-52-5	Unlisted	Balance	For CAS # 61790-53-2 (uncalcined) 10 mg/m <sup>3</sup> (Inhalable particulate) 3 mg/m <sup>3</sup> (Respirable particulate)	NE	20 mppcf or  80 mg/m <sup>3</sup> % SiO <sub>2</sub>  6 mg/m <sup>3</sup> (vacated 1989 PEL)		3000 mg/m <sup>3</sup>	NIOSH REL: 6 mg/m <sup>3</sup> DFG MAK: 4 mg/m <sup>3</sup> (CAS # 61790-53-2) Carcinogen: IARC-3 (CAS # 61790-53-2)

NE = Not Established. C = Ceiling Limit. See Section 16 for Definitions of Terms Used.

NOTE: All WHMIS and EC required information is included. It is located in appropriate sections based on the ANSI Z400.1-1993 format.

## 3. HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:** This is an extremely flammable liquid with an ether-like odor. This product comes in a variety of colors. Inhalation overexposures to the vapors of this product can cause central-nervous system effects (e.g., dizziness, drowsiness, nausea, and headaches). This product can be mildly to severely irritating to the eyes, skin, and other contaminated tissue. Vapors of this product are heavier than air and may travel to a source of ignition and flashback to a leak or open container. Tetrahydrofuran, a component of this product, is known to form explosive peroxides under certain circumstances. Emergency responders must wear the proper personal protective equipment (and have appropriate fire protection) suitable for the situation to which they are responding.

**SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** The most significant routes of occupational overexposure are inhalation and contact with skin and eyes. The symptoms of overexposure to this product, via route of exposure, are as follows:




**INHALATION:** Inhalation of vapors, mists, or sprays of this product can be irritating to the nose, throat, mucous membranes, and other tissues of the respiratory system. Symptoms of overexposure can include coughing, sneezing, and shortness of breath. Additionally, the components of this product are central nervous system depressants. Symptoms of overexposure can include drowsiness, dizziness, headache, nausea, and general anesthetic effects. Inhalation of high concentrations of this product (as may occur in a poorly-ventilated area) may be fatal. Based on studies involving test animals, Tetrahydrofuran, a component of this product, may cause liver and kidney damage after long-term inhalation overexposures.

**This product must be used with adequate ventilation.** Mechanical exhaust may be needed. Ensure exposure to vapors is minimized by use of appropriate engineering controls, work practices, and personal protective equipment, as described in the remainder of this document.

**CONTACT WITH SKIN or EYES:** Contact with this product can be irritating to contaminated skin and eyes. Vapors of this product can redden and irritate the eyes. If the eyes are contaminated with splashes, sprays or mists of this product, reddening, tearing, and corneal opacity can occur. The liquid can be mildly to severely irritating to contaminated skin (depending on duration of exposure). Prolonged or repeated skin overexposures can lead to dermatitis.

**SKIN ABSORPTION:** Skin absorption is not reported to be a significant route of exposure for any component of this product.

**INGESTION:** Ingestion is not anticipated to be a significant route of occupational overexposure for this product. If ingestion occurs, refer to Section 4 (First-Aid Measures) and get medical help immediately. If ingestion of this product does occur, symptoms of such over-exposure can include nausea, vomiting, and other symptoms described for "Inhalation". Ingestion can also lead to liver and kidney damage. Ingestion of this product may be fatal.

HAZARDOUS MATERIAL INFORMATION SYSTEM			
HEALTH	(BLUE)	2	
FLAMMABILITY	(RED)	3	
REACTIVITY	(YELLOW)	1	
PROTECTIVE EQUIPMENT			C/D
EYES	RESPIRATORY	HANDS	BODY
	SEE SECTION 8		
For routine applications.			

**See Section 16 for Definition of Ratings**

















