



AMERICAN HYDROTECH, INC.
303 East Ohio Street
Chicago, Illinois 60611
(312) 337-4998 8-01

BONDING ADHESIVE

SECTION I

CHEMICAL NAME & SYNONYMS: Polychloroprene Based Adhesive
CHEMICAL FAMILY: Polychloroprene
TRADE NAME & SYNONYMS: Hydro-Seal Bonding Adhesive
FORMULA: N.A.

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>C.A.S. #</u>	<u>%</u>	<u>TLV EXPOSURE LIMITS</u>
TOLUENE	108-88-3	32.0	100 ppm
TEXTILE SPIRITS	64741-84-0	33.0	50 ppm
ACETONE	67-64-1	10.6	750 ppm
XYLENE	1330-20-7	0.8	100 ppm

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	131-288	PERCENT VOLATILE BY VOLUME:	
VAPOR PRESSURE (mmHg @ 20°C):	9.5-185		75.7
VAPOR DENSITY (AIR=1):	2.0-4.0	EVAPORATION RATE (BUTYL ACETATE=1):	
SPECIFIC GRAVITY (H ₂ O=1):	.8440	(ETHER=1):	1.9-9.5

SOLUBILITY IN WATER: Insoluble in water, soluble in hydrocarbon solvents.
APPEARANCE AND ODOR: Yellow/amber liquid, strong aromatic odor.

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED): U F (tag closed cup)
FLAMMABLE LIMITS: LEL: 1.0 UEL: 12.8
EXTINGUISHING MEDIA: Foam, dry chemical, CO₂
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool adjacent surfaces and fire exposed containers.
Protect against inhalation or combustion products.:
UNUSUAL FIRE/EXPLOSION HAZARDS: None known.

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE(S): N.D.

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: Exposure to vapor can cause irritation to eyes, lungs and mucous membranes. Excess exposure can cause CNS depression, headache, nausea, narcosis and liver and kidney damage. Contact with liquid can cause irritation.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes and call physician.

SKIN: Clean with rubbing alcohol, followed by soap and water.

INHALATION: Remove to fresh air. Administer oxygen or artificial respiration if necessary. Contact physician.

INGESTIONS: Contact physician immediately.

SECTION VI – REACTIVITY DATA

STABILITY: Stable at ambient temperatures and pressures.

CONDITIONS TO AVOID: N.D.

HAZARDOUS POLYMERIZATION: N.D.

CONDITIONS TO AVOID: N.D.

INCOMPABILITY (MATERIALS TO AVOID): Strong oxidizers, acids & bases

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides or carbon and HCl (burning)

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Remove ignition sources. Absorb on inert material. Use non-sparking tools. Transfer to secure containers for disposal. Use protective equipment.

WASTE DISPOSAL METHODS: As a hazardous waste in accordance with EPA/RCRA regulations 40 CFR 261.21 (a) (1). Ignitability: D001

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION (TYPE): Local exhaust to minimize vapor exposure.

RESPIRATORY PROTECTION: NIOSH certified protection in absence or adequate ventilation.

PROTECTIVE CLOTHING & EQUIPMENT: Impervious gloves and goggles.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid all personal contact. Observe good personal hygiene. Store and use away from all sources of direct heat and ignition. Keep containers closed when not in use.

Information presented herein has been compiled from sources considered to be dependable and current, and is accurate and reliable to the best of our knowledge, but is not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of this information for his safe use of this product, and to adopt such proper safety precautions as may be necessary to provide adequate worker and plant protection.