



ADVANCED ADHESIVE TECHNOLOGIES, I NC.
 424 S. SPENCER ST.
 DALTON, GA 30722

MATERIAL SAFETY DATA SHEET
 AAT-182 ULTRA SEAM SEALER

Created: September 4, 2003

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IN CASE OF EMERGENCY: CHEMTREC (24 hours) (800)424-9300
 (8am - 5pm ET) (706)226-0610

HMIS: Health 2 Flammability 2 Reactivity 1

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: AAT-182 ULTRA SEAM SEALER
 DESCRIPTION: INSTANT ADHESIVE, SEAM SEALER

SECTION 2: COMPOSITION

	CAS#	%
ETHYL CYANOACRYLATE:	7085-85-0	90-99
POLY (METHYL METHACRYLATE)	9011-14-7	1-10
HYDROQUINONE	12-31-9	0.1-0.5

INGREDIENTS THAT HAVE EXPOSURE LIMITS:

EXPOSURE LIMITS INGREDIENTS:	ACGIH (TLV)	OSHA (PEL)	OTHER
ETHYL CYANOACRYLATE	0.2 ppm TWA	NONE	NONE
HYDROQUINONE	2mg/m3 TWA	2mg/m3TWA	2mg/m3TWA 4mg/m3STEL
EXPOSURE LIMITS (STEL) ETHYLCYANOACRYLATE	(4 ppm) (18 mg/m3)	(4 ppm) (16 mg/m3)	

SECTION 3: HAZARDS IDENTIFICATIONS:

TOXICITY: Skin contact may cause burns. Bonds skin rapidly
 Skin and eye irritant
 Estimated oral LD 50 mor than 5, 000 mg/kg
 Estimated dermal LD 50 or more 2,000 mg/kg

PRIMARY ROUTES OF ENTRY: None known

SYMPTOMS OF EXPOSURE: Vapors are irritating to mucous membranes when above
 TLV. Prolonged and repeated overexposure to vapors
 may produce allergic reactions with asthma like
 symptoms in sensitive individuals.

Existing conditions aggravated by exposure: None known

TARGET ORGANS AND OTHER HEALTH EFFECTS:

		NTP	CARCINOGENS LARC	OSHA
Ethyl Cyanoacrylate:	Allergen, irritant, respiratory	No	No	No
Poly (methyl methacrylate):	Irritant	No	N/A	No
Hydroquinone	ACGIH animal carcinogen, blood, Bone marrow, central nervous system, eye, immune system, irritant, liver, skin, mutagen, thyroid.	No	N/A	No

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable
HAZARDOUS	
POLYMERIZATION:	Will not occur
INCOMPATIBILITY:	Polymerized by contact with water, alcohol, amines, alkalies
CONDITIONS TO AVOID:	Not available
HAZARDOUS DECOMPOSITION PRODUCTS:	(Non-thermal); None

SECTION 11: TOXICOLOGICAL INFORMATION

REFER TO SECTION 3

SECTION 12: ECOLOGICAL INFORMATION

NO DATA AVAILABLE

SECTION 13: DISPOSAL CONSIDERATIONS

RECOMMENDED METHODS OF DISPOSAL	Polymerize as indicated in Section 6. Incinerate following EPA and local regulations. EPA Hazardous waste number: NH - Not a RCRA Hazardous Waste Material.
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SECTION 14: TRANSPORTATION INFORMATION

DOT (49CFR 172) DOMESTIC GROUND TRANSPORT PROPER SHIPPING NAME:	Unrestricted
HAZARD CLASS OR DIVISION: IDENTIFICATION NUMBER:	Unrestricted
MARINE POLLUTANT:	None
IATA PROPER SHIPPING NAME	Unrestricted
CLASS OR DIVISION: UN OR ID NUMBER:	Unrestricted None

SECTION 15: REGULATORY INFORMATION

CA Proposition 65	No Prop 65 Chemicals known to be present
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AAT-182 ULTRA SEAM SEALER APPLICATION

1. Since seam sealing is the last step when installing most vinyl floors, you should consult your floor's installation brochure, and cut your seam accordingly. Insure that your seam is dry, clean, and free of floor-bonding adhesive.
2. Fill the plastic applicator bottle with AAT-182 Ultra Seam Sealer from the holding bottle. This level insures a more uniformly controlled flow of adhesive. Be careful not to spill adhesive on the surface of your flooring...it's best to fill the bottle over a rag or piece of flooring scrap. Avoid prolonged breathing of the adhesive vapors and provide adequate ventilation
3. Attach the "wing-tipped" applicator nozzle to the plastic squeeze bottle. If the outlet becomes clogged while using, remove the dried adhesive from the outlet with a small thin wire. (Under no circumstances should excessive pressure be applied to the squeeze bottle as a means of unclogging the outlet hole or holes).
4. Starting at one end of your seam, insert one of the small rudder or the tip of the applicator nozzle, and gently squeeze the bottle, moving it along the seam. The rudder momentarily opens the material, permitting the flow into the seam. A proper application will leave a 1/32"-wide bead of adhesive between the edges of the seam.
5. Be sure to not allow this seam sealer to be over applied on the surface of the flooring. Remove any excess with a ketone based solvent cleaner. Blot the area to be cleaned. Do not wipe. Although the Seam Sealing Adhesive is fast drying, it is recommended that no traffic be permitted on the fresh seam for at least two hours.
6. When finished sealing, pour the unused adhesive back into the adhesive's original container, and clean the applicator bottle and nozzle with ketone thinner. A small wire or straight pin can be used to keep the nozzle open.