

MATERIAL SAFETY DATA SHEET

AZEK[®] ADHESIVE

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. AZEK Building Products urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on this sheet.

1. PRODUCT AND MANUFACTURER INFORMATION

MANUFACTURER'S NAME AZEK Building Products
801 Corey Street, Scranton, PA 18505
Business: (866) 549-6900

TRANSPORTATION EMERGENCIES:
CHEMICAL NAME and FAMILY: Mixture of Polyvinyl Chloride and Cyclic Amine
TRADE NAME: AZEK Adhesive Cellular PVC Cement
FORMULA: Proprietary

2. HAZARDOUS INGREDIENTS

None of the ingredients below are listed as carcinogens by IARC, NTP or OSHA.

	CAS#	APPROX %	ACGIH-TLV	ACGIH-STEL	OSHA-PEL	OSHA-STEL
Polyvinyl Chloride Resin	NON/HAZ			N/A	N/A	
N-Methylpyrrolidone	872-50-4	>85*		N/E	N/E	

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

* Title III Section 313 Supplier Notification: This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.

SHIPPING INFORMATION FOR GALLON CONTAINERS OR ABOVE

DOT Shipping Name: Not regulated for <119 gallon
DOT Hazard Class:
Identification Number:
Packaging Group:
Label Required: None

SHIPPING INFORMATION FOR CONTAINERS LESS THAN ONE GALLON

DOT Shipping Name: Not regulated
DOT Hazard Class:

SPECIAL HAZARD DESIGNATIONS

	HMIS	NFPA	HAZARD RATING
HEALTH:	2	2	0 - MINIMAL
FLAMMABILITY:	1	1	1 - SLIGHT
REACTIVITY:	0	0	2 - MODERATE
PROTECTIVE EQUIPMENT:	H		3 - SERIOUS 4 - SEVERE

H = Eye, Hand/Skin, Respiratory Protection and Impermeable Apron

3. PHYSICAL DATA

APPEARANCE:	Clear, medium bodied syrupy liquid
ODOR:	Amine
BOILING POINT (°F/°C):	400°F (204.3°C) Based on N-Methylpyrrolidone
SPECIFIC GRAVITY @ 73°F 3 3.6° (23°C 3 2°):	Typical 1.10 3 0.040
VAPOR PRESSURE (mm Hg.):	<1 millibar @ 68°F (20°C) based on N-Methylpyrrolidone
PERCENT VOLATILE BY VOLUME (%):	Approx: 80 - 90 %
VAPOR DENSITY (Air = 1):	3.4
EVAPORATION RATE (BUAC = 1):	N/A
SOLUBILITY IN WATER:	Solvent - complete. Resin precipitates.

VOC STATEMENT: VOC as manufactured: 920 Grams/Liter. Maximum VOC emission per SCAQMD Rule 1168, Test Method 316A: 510 Grams/Liter.

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	204°F / 95.6°C (ASTM D-93-73) Based on N-MP
FLAMMABLE LIMITS:	(PERCENT BY VOLUME)
LEL :	1.3
UEL:	9.5

FIRE EXTINGUISHING MEDIA: In case of fire, use water, fog, foam, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Low, when exposed to heat or flames. Can react with oxidizing materials.

5. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:	X Inhalation
	X Skin Contact
	X Eye Contact
	X Ingestion

EFFECT OF OVEREXPOSURE

ACUTE:

Inhalation: Severe overexposure may result in nausea, dizziness, headache. May cause drowsiness, irritation of eyes and nasal passages.

Skin Contact: Prolonged contact causes irritation and defatting of the skin.

Eye Contact: Contact with eyes causes irritation and temporary corneal clouding.

Ingestion: May cause nausea, dizziness, gastric upset and vomiting.

CHRONIC:

In animal studies in rats and mice, N-MP was embryotoxic by the oral and intraperitoneal routes at very high dose levels. In a dermal exposure study with rats, N-MP was only embryotoxic at the high dose levels. This effect was attributed to maternal toxicity.

REPRODUCTIVE EFFECTS	N. AP.
TERATOGENICITY	N. AP.
MUTAGENICITY	N. AP.
EMBRYOTOXICITY	N. AP.
SENSITIZATION TO PRODUCT	N. AP.
SYNERGISTIC PRODUCTS	N. AV.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not known.

EMERGENCY AND FIRST AID PROCEDURES

- Inhalation: If overcome by vapors, remove to fresh air and if breathing stopped, give artificial respiration. If breathing is difficult, give oxygen. Call physician.
- Eye Contact: Flush eyes with flowing water for 15 minutes and call a physician.
- Skin Contact: Remove contaminated clothing and shoes. Wash skin with soap and water for at least 15 minutes. If irritation develops, get medical attention.
- Ingestion: If swallowed, dilute with water. Immediately induce vomiting by sticking finger down victims throat. Call physician or poison control center immediately.

6. REACTIVITY

STABILITY:	UNSTABLE _____
	STABLE _____ X
CONDITIONS TO AVOID:	Moisture - compound is hygroscopic
INCOMPATIBILITY (MATERIALS TO AVOID):	Strong acids, oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides or nitrogen and carbon may form under burning conditions.
HAZARDOUS POLYMERIZATION:	MAY OCCUR _____
	WILL NOT OCCUR _____ X
CONDITIONS TO AVOID:	N/A

7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Flush with large amount of water. Contain liquid with sand or earth. Absorb with sand or nonflammable absorbent material and transfer into steel drums for recovery or disposal. Prevent liquid from entering drains.

WASTE DISPOSAL METHOD

Follow local, State and Federal regulations. Incinerate or bury as a solid after absorption on cementation in a licensed facility. Do not discharge into waterways or sewer systems.

8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type):

If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator or an air supplied respirator as appropriate. Use only SCBA for emergencies.

VENTILATION

Use only with adequate ventilation. Provide sufficient ventilation in volume and pattern to keep contaminants below applicable exposure limits set forth in Section 2. Use only explosion proof ventilation equipment.

PROTECTIVE GLOVES

Butyl rubber or Fep teflon gloves

EYE PROTECTION

Splashproof chemical goggles

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES

Impervious apron, boots as necessary. A source of running water to flush or wash the eyes and skin in case of contact.

9. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

All label precautions must be observed when handling and storing. Store in the shade between 40 °F - 110 °F (5 °C - 43.7 °C). Keep away from heat, sparks, open flame and other sources of ignition. Avoid prolonged breathing of vapor. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Train employees on all special handling procedures before they work with this product.

OTHER PRECAUTIONS:

Follow all precautionary information given on container label, product bulletins and our solvent cementing literature. All handling equipment should be electrically grounded.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

Dated: January, 2008