

MATERIAL SAFETY DATA SHEET
 ATWOOD ADHESIVES, INC.
 945 SOUTH DORIS STREET
 SEATTLE, WASHINGTON 98108

00168

Pg. 1

Date of Preparation: 9-1-87
 Supercedes: All Prior.

Information Telephone Number:
 (206) 762-7455

SECTION I PRODUCT IDENTIFICATION

Product Identification: 1222

Product Class: Water based vegetable adhesive.

SECTION II HAZARDOUS INGREDIENTS

Hazardous Component	Percent by weight	OSHA PEL	ACGIH TLV-TWA	OTHER	CARCINOGEN		
					NTP	IARC	OS
As known to Atwood Adhesives, Inc., this product contains no materials in quantities considered to be hazardous under Occupational Safety and Health Administration (OSHA) final standard "Hazard Communications 29CFR1910.1200" or Washington Industrial Safety and Health Administration (WISHA) standard WAC 296-62-054.							

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SECTION III PHYSICAL DATA

Boiling Range Above 200°F.	Evaporation Rate Slower than Ether	Weight per Gallon 9.6 to 9.9 lbs.
Vapor Density Lighter than air	Percent Volatile by Weight 61.0 to 63.0%	Solubility in Water Miscible
Appearance and odor Tan liquid. Mild odor.		

SECTION IV FIRE AND EXPLOSION HAZARDS

Flash Point None	Method Not Applicable	Flammable Limits In Air None	LEL Not Applicable	UEL Not Applicable
Extinguishing Media <u>Alcohol</u> Foam <u>X</u> Carbon Dioxide <u>X</u> Dry Chemical <u>Other</u> Foam <u>X</u> Water Spray/Fog				

Special Fire Fighting Procedures: Keep containers cool if possible, to prevent rupture. Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards: Adhesive itself presents no unusual fire nor explosive risk.

SECTION V REACTIVITY DATA

Stability Stable	Conditions to Avoid None Known.	Hazardous Polymerization Will not occur	Conditions to Avoid None Known.
Incompatibility <u>Acid</u> <u>Alk.</u> <u>Corrosive</u> <u>X</u> Oxidizing Material <u>Water</u> <u>Other</u>			

Hazardous Decomposition Products: As with any organic material combustion will produce carbon dioxide and probably carbon monoxide.

SECTION VI HEALTH HAZARD DATA

Primary Route(s) of Entry X Eyes Ingestion Inhalation X Skin

Effects of Overexposure

Eye Contact: Maybe irritating.

Ingestion: Not known to be harmful.

Skin Contact: Prolonged contact maybe irritating on broken or cut areas of skin.

Inhalation: None known.

Medical Conditions Which Maybe Aggravated by Exposure

None known.

Emergency and First Aid Procedures

Eye Contact: Flush with water for 15 min. or until irritation subsides. If irritation persists seek medical attention.

Ingestion: Do not induce vomiting. Give large quantities of water.

Skin Contact: Wash with soap and water. Remove and launder contaminated clothes.

Inhalation: Remove to fresh air.

SECTION VII SPECIAL PROTECTION INFORMATION

Respiratory Protection: None should be needed.

Ventilation: None should be needed.

Protective Gloves: Impervious gloves recommended for long or repeated contact with product.

Eye Protection: Safety goggles are recommended for any industrial operation involving chemicals.

Other Protective Equipment and Practices: Eye wash facility.

SECTION VIII PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Spilled adhesive maybe slippery. Dam spill to contain. Absorb with inert material, sweep or scoop up and put in disposal containers.

Waste Disposal Method: Dispose with solid waste in accordance with federal, state, and local regulations.

Precautions to be Taken in Handling and Storing: Do not freeze or store near heated pipes.

Other Precautions: The information and recommendations accumulated herein are, to the best of Atwood Adhesives, Inc. knowledge and belief accurate and believable as of the dated issued, but are not warranted or guaranteed. Atwood Adhesives, Inc., shall not be liable for any loss or damage arising out of the use thereof. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

945 South Doris Street • Seattle, Washington 98108-2729



PRODUCT DATA

1222
WATER BASED VEGETABLE ADHESIVE
CASE SEALING ADHESIVE

SUGGESTED APPLICATION:

Case and carton sealing, roll wrapping and heading mailing room adhesive.

TYPICAL PROPERTIES:

Description: Tan, water based vegetable adhesive.

Food Packaging Adhesive: Yes. Meets the FDA requirement 21CFR175.105 for food packaging adhesives.

Weight per gallon: 9.7 to 9.9 lbs.

pH: 9.0 to 9.4

Viscosity: 380 to 420 cps @ 25°C.

Solids: 36.5 to 38.5%

Speed of set: Moderately fast

HANDLING AND APPLICATION:

Store at: Room temperature above 40°F.

Storage Life: 90 days

Usable after Freezing: No

Use: None normally required

Diluent: Water

Cleanup: While wet: Water

Dry: Hot water

CAUTION:

- Do not contaminate.
- Read MSDS prior to use.
- Read notice on the back of this page.

REMARKS:

Excellent as a mailing room adhesive. Because of the low viscosity 1222 can be applied by brush, squeeze bottle or machine.

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Hot Melt and Water Base Adhesives • Custom Printed Pressure Sensitive Labels • Packaging Tapes

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