



MATERIAL SAFETY DATA SHEET

MSDS Name: POLYVAC TBD
MSDS Number: 040589
Revision Date: 8/29/01
M745-3404, M745-3406, M745-3407

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: POLYVAC TBD
HMIS Hazard Rating: Health: 1 Fire: 1 Reactivity: 0

Company Identification: RPM, WFG.
3194 Hickory Blvd.
Hudson, NC 28638
Phone: 828-728-8266
Chemtrec (24 Hour): (800) 424-9300
Chemtrec International: (703) 527-3887

Product Class: POLYVINYL ACETATE EMULSION
Product Use: ADHESIVE
Product Code: 4058

Division: Polymer Products

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients CAS Number Percent
Product contains no hazardous ingredients or they are below reportable levels.

OSHA PELs & ACGIH TLVs are listed in Section 8 where applicable.

SECTION 3 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:
White colored water-based adhesive. Slippery in the wet state.

ROUTES OF ENTRY:
Inhalation: yes
Ingestion: yes
Skin: no
Eye: yes

INHALATION:
Vapors and/or aerosols which may be formed at elevated temperature may be irritating to eyes and respiratory tract.

INGESTION:
No hazard expected in normal industrial use. Ingestion is not a likely route of exposure.

SKIN:
Prolonged or repeated skin contact can cause irritation.

EYE:
Substance may cause moderate eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
Pre-existing skin disorders.

CARCINOGENICITY:
IARC: No
NTP: No
OSHA: No

REPRODUCTIVE TOXICITY:
None anticipated based on product formula.

TARGET ORGANS:
Eyes and skin.

SECTION 4 - FIRST AID MEASURES

INHALATION:
Remove to fresh air. If difficulty persists, seek medical attention.

INGESTION:
Call poison control center immediately. Follow their specific instructions. Do not induce vomiting.

SKIN:
Wash with soap and water. Contact a physician if irritation develops or persists.

EYE:
Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability Class (OSHA)	IIIB
Flash Point:	> 200 F
	Setaflash
Explosive Range:	Not Available

EXTINGUISHING MEDIA:
Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.

HAZARDOUS COMBUSTION PRODUCTS:
Various oxides of carbon, organic compounds, and water may be released during combustion.

FIRE FIGHTING PROCEDURES:
Wear a NIOSH approved self contained breathing apparatus. Wear appropriate personal protective equipment.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES:

Use inert absorbent to dike the spill. Keep away from drains.

CLEAN-UP:

If possible pump liquid into an approved container or spread absorbent over spill and shovel product/absorbent mixture into an approved container. If product has dried scrape up and place in an approved container.

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Empty drums should be completely drained, properly bunged and promptly returned to a reconditioner, or properly disposed of. Use only in well ventilated area.

STORAGE:

Store at temperatures between 50 F and 90 F.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
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ENGINEERING CONTROLS:

Use local exhaust as needed to maintain occupational exposure limits.

OTHER:

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION:

Respiratory protection is not expected to be necessary under normal use. Follow requirements for respiratory protection in OSHA 1910.134.

EYE PROTECTION:

Chemical splash goggles (ANSI Z87.1 or approved equivalent).

SKIN PROTECTION:

Where skin contact can occur, wear impervious gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form:	LIQUID
Appearance/Color:	WHITE
Odor:	MILD
Solubility (in water):	DISPERSIBLE IN WATER
pH Value:	4.5
Boiling Range/Point:	210.°F
Evaporation Rate:	Slower than n-Butyl Acetate
% Volatile:	55.%
Specific Gravity:	1.04

SECTION 10 - STABILITY AND REACTIVITY

Stability:	This product is stable
Hazardous Polymerization:	Hazardous polymerization will not occur

CONDITIONS TO AVOID:
None known.

INCOMPATIBILITY:
Strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS:
Oxides of carbon may be released during combustion.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed.

SECTION 12 - ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:
Disposal of this product must comply with all applicable federal, state and local regulations.

CONTAINER DISPOSAL:
Disposal of this container should comply with all applicable federal, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number	N/A
UN Pack Group	N/A
UN Class	NON HAZ
ICAO/IATA Class	NON HAZARDOUS (*SEE NOTE)
IMDG Class	NON HAZARDOUS
Shipping Name	NON HAZARDOUS
ADR/RID Class	NON HAZARDOUS

Packaging may not be approved for shipping by air. Please contact Franklin International for further information.

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substances Control Act Inventory):
All components of this product are listed on the TSCA inventory except as exempted.

SECTION 16 - OTHER INFORMATION

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