

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION AND USE

Product Name: Tekbond TB-10
Manufacture: Technical Marketing, Ltd.
Manufacturer's address: P.O. Box 4700, 927 Indio Muerto Street, Santa Barbara, CA 93140
Telephone number for information: 1-805-965-0704
Telephone number for emergencies: ChemTrec: 1-800-424-9300
Product Usage: Textile Adhesive
Preparer: Tekmar - EHS Department
Prepare Date: 03/05/00

HAZARD RATING

0 - LEAST	HEALTH:	1
1 - SLIGHT	FIRE:	0
2 - MODERATE		
3 - HIGH		
4 - EXTREME		

D.O.T. Shipping Information: Resin Compound ***KEEP LIQUID RESINS ABOVE FREEZING***; Not A regulated Product for Air, Ocean or Ground Transportation.

SECTION 2: HAZARDOUS INGREDIENTS:

<u>Chemicals/Common Name</u>	<u>% by Wt.</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>	<u>CAS No.</u>	<u>SARA</u>
<u>TITLE III</u>					<u>Sec.313</u>
<u>reportable</u>					
Vinyl Acetate	<0.2%	10 ppm	10 ppm	108-05-4	Yes
Ethyl Acrylate	<0.1%	25 ppm	25 ppm	140-88-5	Yes
2-Propenoic Acid, Butyl Ester	<0.1%	10 ppm	N/A	141-32-2	Yes
Water and Non-Hazardous Components	>99%	N/A	N/A	N/A	No

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance/Odor:	White/Sweet Odor	Physical State:
	Liquid	
Boiling Point:	215° F	Specific Gravity (H₂O=1):
	1.03	
Vapor Pressure (mm Hg):	31.0	Solubility in Water:
	100%	
Reactivity in Water:	No	Vapor Density (Air=1):
	As water	
V.O.C. # (By % Calculation):	0 G/L	

SECTION 4: FIRE & EXPLOSION DATA

Flash Point: Non-Combustible
Flammable Limits in Air % By Volume (@25° C): LEL (Lower): 12% UEL (Upper): 21%
Auto Ignition: None
Extinguishing Media: Use foam, CO₂, or dry chemical
Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended for Fire Fighters. Water may be helpful in keeping adjacent areas cool.
Unusual Fire & Explosion Hazards: Product is non-combustible, may generate irritating combustion by-products upon decomposition.

SECTION 5: PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Coagulation may occur following freezing, thawing or boiling; otherwise stable
Conditions to Avoid: Avoid freezing
Incompatibility: This product is incompatible with mineral acids and reactive metals.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition: Thermal decomposition may yield carbon monoxide and/or carbon dioxide and other irritating fumes.

SECTION 6: HEALTH HAZARDS (Toxicological Properties)

Routes of entry: Skin Contact: No Skin Absorption: No Eye Contact: Yes Inhalation:

Acute Health Effects and Routes of Potential Entry, Plus Symptoms of Overexposure:

Inhalation:

Skin:

Eyes:

No

Ingestion: Yes

Mild respiratory tract irritant.

Not considered to be a skin irritant. Wash with soap and water.

Mild eye irritant. Rinse eyes immediately with large amount of water.

SECTION 6: HEALTH HAZARDS (Toxicological Properties) (CONTINUED)

Ingestion:	Oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury.
Chronic Health Effects:	No evidence of chronic health effects.
Symptoms of Exposure:	Minimally irritating to the eyes, nose, throat and lungs.
Medical Conditions Generally Aggravated by Exposure:	Asthma may be aggravated by this product.
Chemicals Listed as a Potential Carcinogens:	NTP: No I.A.R.C. Monographs: No OSHA: No

This product is not believed to pose measurable carcinogenic risk.

SECTION 7: SPECIAL PROTECTION INFORMATION AND PREVENTIVE MEASURES

Respiratory:	In poorly ventilated areas: Use a NIOSH approved cartridge respirator or gas mask.
Ventilation:	Local exhaust.
Protective Gloves:	Impermeable gloves to keep adhesive from sticking to hands.
Eye Protection:	Chemical safety glasses, goggles or face shields.
Protective Equipment:	Eye washes and safety showers are recommended in work area.
Hygienic Practices:	Contaminated clothing should be removed and washed in hot water with soap before adhesive dries.
Waste Information:	Dispose of according to all local and provincial regulations.
Handling and Storage:	Keep containers tightly sealed when not in use. Repack only into compatible glass or plastic containers. New containers must contain product labels for proper identification, safety, handling and storage.
Other Precautions:	Spilled adhesive is very slippery, use care to avoid falls.
In Case of Spill:	Small spills (less than 100 gallons): Dilute 50 to 100 fold with water. Flush to industrial sewer with large amounts of water. Advise municipal authorities for larger quantities. As always, dispose of product in accordance with all appropriate Government authorities and regulations.

SECTION 8: FIRST AID MEASURES

Routes of Entry (Emergency and First Aid Procedures):

Inhalation:	Move patient to fresh air and seek medical attention.
Skin:	Wash with soap and water.
Eyes:	Flush immediately with cold water for 15 minutes. If irritation from contact persists, seek medical attention.
Ingestion:	Small amounts (<1 oz., or <30 grams) are not expected to produce adverse health effects. Larger quantities can be recovered from the stomach by aspiration. Call a physician.

SECTION 9: PREPARATION INFORMATION

All information appearing herein concerning our products is based upon tests and data believed to be reliable; however it is the users responsibility to determine the safety, toxicity, and suitability of the product for their own use. Since the actual use by others is beyond our control, no guarantee expressed or implied, is made by Tekmar as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does Tekmar assume any liability arising out of the use by others, of the product referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary when particular conditions exist or because of applicable laws or government regulations.

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