



# SAFETY DATA SHEET

## 1. Identification Of The Substance/Mixture and of the Company/Undertaking

**Product identifier** TBEZ

**Other means of identification**

**Product code** TB EZ

**Recommended use** Pallet Adhesive

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** Tekmar  
**Address** P.O Box 4700  
 Santa Barbara, CA 93140  
 United States  
**Telephone** Product Stewardship 805-965-0704  
 Transportation 800-564-1096  
**Website** <http://tekmarltd.com/>  
**E-mail** [techsupport@tekmarltd.com](mailto:techsupport@tekmarltd.com)  
**Emergency phone number** Chemtrec 800-424-9300  
 Emergency Phone 805-965-0704  
 International ++703 527-3887

**Supplier** Refer to Manufacturer

## 2. Hazard Identification

### Precautionary statements

Obtain special instructions before use.

IF exposed or concerned: Get medical advice/attention.

Do not handle until all safety precautions have been read and understood. Wear protective gloves/ eye protection/ face protection.

Store locked up.

Dispose of contents/container to .

in accordance with local/regional/national/international regulations (to be specified).

## 3. Composition/information on ingredients

Chemical characterization Water-borne polymer emulsion. Basis: Vinyl acetate Di ethylhexyl maleate

### 3.1. Substances not applicable

### 3.2. Mixtures Details provided in the tables below

Components	CAS-No	Percent %
Mixture of: 5-Chloro-2- methyl-4-isothiazolin-3-one [EC No. 247-500-7] and 2- Methyl-2H - isothiazol-3-one [EC No. 220-239-6] (3:1)	55965-84-9	<0.06
Nonylphenol, ethoxylated	9016-45-9	<1
Nonylphenol ethoxylate (15- 50), branched	68412-54-4	<1

#### **4. First aid measures**

##### **General Information**

Wash contaminated clothing before re-use.

##### **Skin**

Wash off with soap and water. If symptoms persist, call a physician.

##### **Eyes**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

##### **Ingestion**

If swallowed, seek medical advice immediately and show this container or label. If conscious, drink plenty of water. Do not induce vomiting without medical advice.

#### **5. Fire-fighting measures**

**NFPA**            **Health: 1**                      **Flammability: 0**                      **Instability: 0**

##### **Suitable extinguishing media**

The product in solution form does not burn. The product will burn only after the water it contains is driven off. For dry polymer, use alcohol resistant foam, carbon dioxide (CO<sub>2</sub>) or dry chemical.

##### **Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases**

Under conditions giving incomplete combustion, hazardous gases produced may consist of Carbon monoxide

Carbon dioxide (CO<sub>2</sub>)

Combustion gases of organic materials must in principle be graded as inhalation poisons

##### **Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

##### **Other Information**

This is a water-based product and presents no particular fire or explosion hazard

#### **6. Accidental release measures**

##### **Personal precautions**

Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

##### **Environmental precautions**

Do not flush into surface water or sanitary sewer system.

##### **Methods for cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in

suitable, closed containers for disposal. Dispose of in accordance with local regulations.

## **7. Handling and storage**

### **Advice on safe handling**

Product may contain hazardous volatile ingredients which could accumulate in the unvented headspace of drums or containers. Open containers in ventilated area. Do not breathe vapor. During longer storage small amounts of carbon monoxide may form. To the best of our knowledge, no OEL (occupational exposure limit) is exceeded during the intended use. Containers/tanks may only be entered after thoroughly executed ventilation while considering national regulations and international standards for inspection of containers/tanks. In any case of doubt a measurement of the CO concentration is necessary.

### **Protection - fire and explosion:**

No special protective measures against fire required.

### **Technical measures/Storage conditions**

Keep tightly closed in a dry and cool place. No special technical protective measures required.

### **Material storage**

Protect from frost. To maintain product quality, do not store in heat or direct sunlight. Keep at temperatures between 5°C and 35°C (40°F and 95°F). Agitate before use. Keep tightly closed in a dry and cool place.

### **Incompatible products**

Materials that react with water

## **8. Exposure controls / personal protection**

### **OSHA Exposure Limits**

<b>Components</b>	<b>STEL</b>
Vinyl acetate	20 PPM

### **ACGIH Exposure Limits**

<b>Components</b>	<b>TWA</b>
Vinyl acetate	10 PPM

<b>Components</b>	<b>STEL</b>
Vinyl acetate	15 PPM

### **Mexico National Exposure Limits**

<b>Components</b>	<b>LMPE - PPT</b>	
Vinyl acetate	30 mg/m <sup>3</sup>	10 PPM

<b>Components</b>	<b>STEL</b>	
Vinyl acetate	60 mg/m <sup>3</sup>	20 PPM

Components	Mexican Carcinogen Category
Vinyl acetate	A3

## Exposure controls

### Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

### Protective equipment

A safety shower and eyebath should be readily available.

### General advice

Avoid contact with skin and eyes.

### Respiratory protection

Based on workplace contaminant level and working limits of the respirator, use a respirator approved by NIOSH. The following is the minimum recommended equipment for an occupational exposure level. To estimate an occupational exposure level see Section 8 and Section 11.

For concentrations > 1 and < 10 times the occupational exposure level: Use air-purifying respirator with full facepiece and organic vapor/acid gas cartridge(s) or air-purifying full facepiece respirator with an organic vapor/acid gas canister or a full facepiece powered air-purifying respirator fitted with organic vapor/acid gas cartridge(s). The air purifying element must have an end of service life indicator, or a documented change out schedule must be established. Otherwise, use supplied air.

### Skin protection:

Wear impervious clothing and gloves when there is a reasonable chance for skin contact..

### Eye/face protection:

safety glasses with side-shields

## 9. Physical and chemical properties

### Appearance

Form	liquid
Color	milky white
Odor	sweet (212°F)
pH	4.5 - 6.0
Viscosity	750 - 1750 mPa*s @ 25°C
Method	Brookfield Visc. RVT Sp. 2 / 20 r.p.m.

## 10. Stability and reactivity

### Chemical stability

Stable under recommended storage conditions

**Conditions to avoid**

Do not freeze

**Incompatible Materials**

Materials that react with water

**Possibility of hazardous reactions**

No hazards to be especially mentioned.

**11. Toxicological information****Potential health effects****Routes of exposure** Skin, Eyes**Immediate effects**

<b>Skin</b>	Prolonged or repeated exposure may cause: skin irritation
<b>Eyes</b>	May cause eye irritation.
<b>Ingestion</b>	May cause gastrointestinal irritation.
<b>Other:</b>	Product contains residual Vinyl Acetate, an IARC 2B possible human carcinogen based on animal data

Toxicological data are not available. Observe the usual hygienic measures for handling chemicals.

**12. Ecological Information**

Ecotoxicological data are not available. According to experience, the material has no harmful effect on the environment

**13. Disposal considerations****Disposal considerations**

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste.

**14. Transport information****US Department of Transportation** Not regulated**TDG** Not regulated**Mexico Transport Information** Not regulated

ICAO/IATA Not restricted

IMDG Not regulated

## **15. Regulatory Information**

### **US State Regulations**

Chemicals associated with the product which are subject to the state right-to-know regulations are listed along with the applicable state(s):

#### **Vinyl acetate 108-05-4**

Pennsylvania	Listed
New York	Listed
New Jersey	Listed
Illinois	Listed
Louisiana	Listed
Massachusetts	Listed
Rhode Island	Listed

### **U.S. FEDERAL REGULATIONS**

#### **Environmental Regulations:**

#### **SARA 313 Chemicals**

Vinyl acetate (108-05-4) 0.3 %

#### **Vinyl acetate 108-05-4**

EPCRA Section 313	Listed
CERCLA Hazardous Substance	Listed
Extremely Hazardous Substance	Listed

#### **SARA 311:**

### **INTERNATIONAL REGULATIONS**

### **CANADIAN REGULATIONS**

**WHMIS Classification:** Classification D2A is due to the presence of residual vinyl acetate, which may be released during storage or thermal processing.

#### **WHMIS Ingredient Disclosure List IDL:**

This product does not contain substances required to be disclosed according to the Canada WHMIS Ingredient Disclosure List.

## **16. Other information**

NFPA:	Health: 1	Flammability: 0	Instability: 0
HMIS:	Health: 1	Flammability: 0	Physical Hazard: 0

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