# SAFETY DATA SHEET

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

| | | |
|---|---|---|
| **Product identifier** | **TB10** | |
| **Other means of identification** | | |
| **Product code** | TB10 | |
| **Recommended use** | Pallet Adhesive | |
| **Recommended restrictions** | None known. | |
| **Manufacturer/Importer/Supplier/Distributor information** | | |
| **Manufacturer** | | |
| **Company name** | Tekmar | |
| **Address** | P.O Box 4700<br>Santa Barbara, CA 93140<br>United States | |
| **Telephone** | Product Stewardship<br>Transportation | 805-965-0704<br>800-564-1096 |
| **Website** | http://tekmarltd.com/ | |
| **E-mail** | techsupport@tekmarltd.com | |
| **Emergency phone number** | Chemtrec<br>Emergency Phone<br>International | 800-424-9300<br>805-965-0704<br>++703 527-3887 |
| **Supplier** | Refer to Manufacturer | |

## 2. Hazard(s) identification

### Emergency Overview
Appearance: liquid, white

CAUTION! MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. NOTICE: WHILE THIS MATERIAL HAS A LOW LEVEL OF TOXICITY, GOOD INDUSTRIAL HYGIENE PRACTICES ARE ENCOURAGED TO MINIMIZE EXPOSURE.

### Potential Health Effects

### Exposure routes
Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

### Eye contact
Unlikely to cause eye irritation or injury.

### Skin contact
Unlikely to cause skin irritation or injury.

### Ingestion
Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

### Inhalation

Breathing of vapor or mist is possible. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

**Aggravated Medical Condition**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material:, Upper respiratory tract, Skin, lung (for example, asthma-like conditions)

**Symptoms**
Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:, stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), Lung irritation, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), Difficulty in breathing, lung edema (fluid buildup in the lung tissue)

**Target Organs**
Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals:, mild, reversible liver effects, blood abnormalities, respiratory tract damage (nose, throat, and airways)

**Carcinogenicity**
Vinyl acetate caused an increase in cancer of the nasal cavity in rats. The relevance of this finding to humans is uncertain. The International Agency for Research on Cancer (IARC) reclassified this chemical from Group 3 (not able to be classified) to Group 2B (possibly carcinogenic in humans) in 1995. This classification is based on the study in rats, along with knowledge that vinyl acetate is changed to acetaldehyde, a known animal carcinogen, in the body.

**Reproductive hazard**
This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

## 3. COMPOSITION/INFORMATION ON INGREDENTS

| Hazardous Components | CAS-No. / Trade Secret No. | Concentration |
|---|---|---|
| **N/A** | **N/A** | **N/A** |

## 4. FIRST AID MEASURES

**Eyes**
If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

**Skin**
First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

**Ingestion**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

**Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

**Notes to physician**

**Hazards**: No information available.
**Treatment**: No information available

## 5. FIREFIGHTING METHODS

**Suitable extinguishing media**

Dry chemical, Carbon dioxide (CO2), Water spray

**Hazardous combustion products**

Carbon dioxide and carbon monoxide, Hydrocarbons

**Precautions for fire-fighting**

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

**NFPA Flammable and Combustible Liquids Classification**

Combustible Liquid Class IIIB

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

**Environmental precautions**

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up**

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

**Other information**

Comply with all applicable federal, state, and local regulations.

## 7. HANDLING AND STORAGE

### Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

### Storage

Store in a cool, dry, ventilated area. Store in a cool, dry, ventilated area. Store in a cool, dry, ventilated area.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Exposure Guidelines

Contains no substances with occupational exposure limit values.

### General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

### Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

### Eye protection

Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

### Skin and body protection

Wear resistant gloves (consult your safety equipment supplier).

### Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Physical state** | liquid |
| **Color** | white |
| **Flash point** | > 200.1 °F / > 93.4 °C |

| | |
|---|---|
| **Vapor pressure** | (>)24.660 hPa @ 70 °F / 21 °C |
| **Density** | 1.02 g/cm3 @ 70 °F / 21 °C |
| **Water solubility** | dispersible |

## 10. STABILITY AND REACTIVITY

**Stability**

Stable.

**Conditions to avoid**

Heat, flames and sparks., Exposure to sunlight.

**Incompatible products**

aluminum, Amines, Ammonia, Bases, Copper alloys, galvanized metals, strong mineral acids, strong organic acids, Strong oxidizing agents, silica, peroxides, UV light., Zinc

**Hazardous decomposition products**

Carbon dioxide and carbon monoxide, Hydrocarbons

**Hazardous reactions**

Product will not undergo hazardous polymerization.

## 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity**

| | |
|---|---|
| Acute oral toxicity - Product | no data available |

**Acute inhalation toxicity**

| | |
|---|---|
| Acute inhalation toxicity - Product | no data available |

**Acute dermal toxicity**

| | |
|---|---|
| Acute dermal toxicity - Product | no data available |

**Acute toxicity (other routes of administration)**

| | |
|---|---|
| Acute toxicity (other routes of administration) | no data available |

## 12. ECOLOGICAL INFORMATION

**Biodegradability**

| | |
|---|---|
| Biodegradability- Product | no data available |

**Bioaccumulation**

| | |
|---|---|
| Bioaccumulation - Product | no data available |

**Ecotoxicity effects**

**Toxicity to fish**

| | |
|---|---|
| Toxicity to fish - Product | no data available |

**Toxicity to daphnia and other aquatic invertebrates**

| | |
|---|---|
| Toxicity to daphnia and other aquatic invertebrates | no data available |

**Toxicity to daphnia and other aquatic invertebrates**

| | |
|---|---|
| Toxicity to daphnia and other aquatic invertebrates | no data available |

**Toxicity to algae**

| | |
|---|---|
| Toxicity to algae-product | no data available |

**Toxicity to bacteria**

| | |
|---|---|
| Toxicity to algae-product | no data available |

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction.

## 14. TRANSPORTATION INFORMATION

**REGULATION**

| ID NUMBER | PROPER SHIPPING NAME | *HAZARD CLASS | SUBSIDIARY HAZARDS | PACKING GROUP | MARINE POLLUTANT / LTD. QTY |
|---|---|---|---|---|---|

**U.S. DOT – ROAD:** Not Dangerous Goods

**U.S. DOT – RAIL:** Not Dangerous Goods

**U.S. DOT – INLAND WATERWAYS:** Not Dangerous Goods

**TRANSPORT CANADA - ROAD:** Not Dangerous Goods

**TRANSPORT CANADA - RAIL:** Not Dangerous Goods

**TRANSPORT CANADA – INLAND WATERWAY:** Not Dangerous Goods

**INTERNATIONAL MARITIME DANGEROUS GOODS:** Not Dangerous Goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION – CARGO:** Not Dangerous Goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION – PASSENGER:** Not Dangerous Goods

**MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES:**

Not Dangerous Goods

***ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

## 15. REGULATORY INFORMATION

**California Prop. 65**

| | |
|---|---|
| WARNING! This product contains a chemical known to the State of California to cause cancer. | ACETALDEHYDE<br>BENZENE<br>1,4-DIOXANE<br>ETHYLENE OXIDE |

| | |
|---|---|
| WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. | BENZENE<br>ETHYLENE OXIDE |

| |
|---|
| **SARA Hazard Classification**<br>**SARA 311/312 Classification**<br>Chronic Health Hazard |

**Notification status**

| | |
|---|---|
| US. Toxic Substances Control Act | y (positive listing) |
| Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133) | y (positive listing) |
| Australia. Industrial Chemical (Notification and Assessment) Act | n (Negative listing) |
| New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand | n (Negative listing) |
| Japan. Kashin-Hou Law List | n (Negative listing) |
| Korea. Toxic Chemical Control Law (TCCL) List | n (Negative listing) |
| Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act | n (Negative listing) |
| China. Inventory of Existing Chemical Substances | n (Negative listing) |

**HMIS RATING**

| | |
|---|---|
| **HEALTH:** | **0** |
| **FLAMMABILITY:** | **0** |
| **PHYSICAL HAZARD:** | **0** |
| **PERSONAL PROTECTION:** | **SEE SEC. 8** |

**NFPA CODES**

| | |
|---|---|
| **HEALTH** | **0** |
| **FLAMMABILTY** | **0** |
| **REACTIVITY** | **0** |

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