



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

**Product identifier** TBHV

**Other means of identification**

**Product code** TBHV

**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

### Hazard(s) identification

#### GHS Clasification

Skin Sensitization : Category 1

#### GHS Label Elements

Hazardous Pictograms :



**Signal Word** : Warning

**Hazard Statement** : May causes an allergic skin reation.

**Precautionary Statement** :Prevention  
Obtain special instructions before use.

### Emergency Overview

Appearance: liquid, white

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.).

## **2. 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),

### **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, reversible respiratory tract damage (nose, throat, and airways)

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Hazardous Components</b>	<b>CAS-No. / Trade Secret No.</b>	<b>Concentration</b>
<b>Acrylic Polymer Compound</b>	<b>N/A</b>	<b>65%</b>

The identity and concentration of one or more component(s) is being withheld under business confidentiality.

## **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 MEASURES**

### **Suitable extinguishing media**

Dry chemical, Carbon dioxide (CO<sub>2</sub>), 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.

### Hazardous components without workplace control parameters

Components	CAS -No
Halogenated Hydrocarbon	8000986-5736P

### 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

<b>Odour</b>	No data available
<b>Odour threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Boiling point/boiling range</b>	No data available
<b>Flash point</b>	> 200.1 °F / > 93.4 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Lower explosion limit</b>	No data available
<b>Vapor pressure</b>	(>)24.660 hPa @ 70 °F / 21 °C
<b>Relative vapour density</b>	No data available
<b>Relative density</b>	1.02 g/cm <sup>3</sup> @ 70 °F / 21 °C
<b>Solubility(ies) Water solubility</b>	dispersible
<b>Solubility in other solvents</b>	No data available

<b>Partition coefficient: noctanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Thermal decomposition</b>	No data available
<b>Viscosity</b>	
<b>Dynamic</b>	No data available
<b>Kinematic</b>	No data available
<b>Oxidizing properties</b>	No data available

## 10. STABILITY AND REACTIVITY

### Reactivity

No decomposition if stored and applied as directed

### 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

### Information on likely routes of exposure

Inhalation

Skin Contact

Eye Contact

Ingestion

#### Acute oral toxicity

Acute oral toxicity - Product	Assessment: The component/mixture is classified as acute oral toxicity, category 3.
-------------------------------	---

#### Acute inhalation toxicity

Acute inhalation toxicity - Product	Assessment: The component/mixture is classified as acute inhalation toxicity, category 3.
-------------------------------------	---

#### Acute dermal toxicity

Acute dermal toxicity - Product	Assessment: The component/mixture is classified as acute dermal toxicity, category 3
---------------------------------	--

### Skin corrosion/irritation

Not classified based on available information.

**Components:** Halogenated Hydrocarbon  
Results: Corrosive to Skin

**Serious eye damage/eye irritation**

**Product:**

Remarks: Unlikely to cause eye irritation

**Components:**

HALOGENATED HYDROCARBON:

Result: Corrosive

**Respiratory or skin sensitization**

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information

**Components:**

HALOGENATED HYDROCARBON:

Assessment: May cause sensitisation by skin contact.

**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 contact your State or Local authority.

### 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

<b>SARA Hazard Classification</b> <b>SARA 311/312 Classification</b> Chronic Health Hazard
--

#### Notification status

--	--

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

<b>HEALTH:</b>	<b>1</b>
<b>FLAMMABILITY:</b>	<b>0</b>
<b>PHYSICAL HAZARD:</b>	<b>0</b>
<b>PERSONAL PROTECTION:</b>	<b>SEE SEC. 8</b>

#### NFPA CODES

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>

**MANUFACTURER DISCLAIMER:** Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users