SAFETY DATA SHEET

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 Transportation	805-965-0704 800-564-1096
Website	http://tekmarltd.com/	
E-mail	techsupport@tekmarltd.com	
Emergency phone number	Chemtrec Emergency Phone International	800-424-9300 805-965-0704 ++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 reaction.

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 INGREDENTS

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

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 (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.

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

Odour	No data available
Odour threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Boiling point/boiling range	No data available
Flash point	> 200.1 °F / > 93.4 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapor pressure	(>)24.660 hPa @ 70 °F / 21 °C
Relative vapour density	No data available
Relative density	1.02 g/cm3 @ 70 °F / 21 °C
Solubilty(ies) Water solubility	dispersible
Solubilty in other solvents	No data available

Partition coefficient: noctanol/water	No data available
Auto-ignition temperature	No data available
Thermal decomposition	No data available
Viscocity **Dynamic** **Kinematic**	 No data available No data available
Oxidizing properties	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 Conatct
Eye Contatct
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

SARA Hazard Classification
SARA 311/312 Classification
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

HEALTH:	**1**
FLAMMABILITY:	**0**
PHYSICAL HAZARD:	**0**
PERSONAL PROTECTION:	**SEE SEC. 8**

NFPA CODES

HEALTH	**1**
FLAMMABILTY	**0**
REACTIVITY	**0**

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