

**TC-417 ADHESIVE**  
**SAFETY DATA SHEET**  
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**Issue or Revision Date:** 2020 January 03

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**SECTION 1 IDENTIFICATION**

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**Product Name:** TC-417 Adhesive

**Manufacturer/Supplier:** ThermaCoustic Industries International Limited  
Unit 108, 20119 – 113B Avenue  
Maple Ridge, BC V2X 0Z1  
604 460 1476

**Office Hours:** 07:00 – 15:00 Monday to Friday  
(Except Canadian Statutory Holidays)

**Emergency Telephone:** 604 460 1475

**Recommended Use:** Component of TC-417 thermal and acoustic insulation.  
On-site manufacturing by trained / approved Applicators

**Restrictions on Use:** Must be kept from freezing

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**SECTION 2 HAZARDS IDENTIFICATION**

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**Hazard Classification:** This product is considered non-hazardous under the OSHA Hazard Communication Standard (HCS 2012)  
This product is considered non-hazardous under the GMS



**Label elements:**

**Caution / Potential Health Effects:** Eyes - May cause eye irritation  
Skin – Prolonged or repeated exposure may cause skin irritation  
Ingestion – May cause gastrointestinal irritation  
Respiratory system - May cause irritation to the nose and upper respiratory track if inhaled

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**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

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**Components:** Proprietary blend of water-based polymeric emulsion

**Common chemical name:** Blend of Polyvinyl Acetate, Homo & Copolymer

**CAS Number:** None Assigned

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### SECTION 4

### FIRST AID MEASURES

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Ingestion:	If swallowed, induce vomiting if victim is alert. Do not induce vomiting if Patient is unconscious. Get prompt medical help.
Skin Contact:	Flush with water and soap.
Inhalation:	Remove to open air or away from source of irritation.
Eye:	Flush with water until irritation subsides. If irritation persists seek medical attention

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### SECTION 5

### FIRE-FIGHTING MEASURES

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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 or dry chemical
Other information:	This is a water based product and presents no particular fire or explosion hazard.

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### SECTION 6

### ACCIDENTAL RELEASE MEASURES

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<b>Personal Precautions:</b>	Contaminated surfaces will be slippery. Avoid contact with the skin and the Eyes
<b>Environmental Precautions:</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up:</b>	Soak up with inert absorbent materials ( eg. Sand, silica gel, acid binder, universal binder, sawdust) Keep in suitable closed containers for disposal. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Dispose of in accordance with local regulations.

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### SECTION 7

### HANDLING AND STORAGE

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Precautions for safe handling: Protection (fire and explosion):	Open containers in ventilated area. No special protective measures against fire required.
Storage:	Keep tightly closed in a dry and cool place Protect from frost. Keep at temperatures between 5-25 degree C (40-77 degree F)

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**SECTION 8**

**EXPOSURE CONTROLS / PERSONAL PROTECTION**

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<b>OSHA exposure limits:</b>	No exposure limits established (?)
<b>ACGIH Exposure limits:</b>	No exposure limits established
<b>Exposure Controls:</b>	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
<b>Protective equipment:</b>	A safety shower and eyebath should be readily available
<b>General advice:</b>	Avoid contact with skin and eyes
<b>Skin protection:</b>	Wear impervious clothing and gloves when there is a reasonable chance for skin contact.
<b>Eye / Face protection:</b>	Safety glasses with side shields

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**SECTION 9**

**PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance:</b>	Form: Liquid Color: Milky white Odor: Sweet
<b>Odour threshold:</b>	Not applicable
<b>Vapour pressure (mm/HG)</b>	Not available
<b>Vapour density (Air – 1):</b>	Not available
<b>Evaporation rate:</b>	1.00
<b>Freezing point:</b>	Harden & gel at 0 degree C
<b>Boiling point:</b>	Not applicable
<b>pH:</b>	6.5 – 7.0
<b>Specific Gravity:</b>	1.08
<b>VOC:</b>	<1g/L
<b>Viscosity:</b>	1500-2000 cps
<b>Coefficient Water / Oil distribution:</b>	Not applicable
<b>Solubility in water:</b>	Soluble & Mixable

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**SECTION 10: STABILITY AND REACTIVITY**

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**Stability:** Stable

**Reactivity:** Stable under recommended storage conditions. No decomposition if stored & handled as prescribed.

**Conditions to avoid:** Do not freeze

**Incompatible materials:** Materials that react with water

**Possibility of hazardous reactions:** No hazards to be especially mentioned

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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**Routes of exposure:** **Skin, eye, inhalation**

**Symptoms of exposure:** Eyes - eye irritation  
Skin –skin irritation  
Ingestion –gastrointestinal irritation  
Respiratory system

Toxicological data not available

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**SECTION 12 ECOLOGICAL INFORMATION**

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Eco-toxicological data are not available. According to past history, the material has no harmful effect on the environment

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**SECTION 13. DISPOSAL CONSIDERATIONS**

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**Disposal Considerations:** Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition.

**Warning:** Do not dispose in sinks, toilets or storm drains

Note that this handling and disposal information may also apply to empty containers and liners. 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.

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**SECTION 14**

**TRANSPORT INFORMATION**

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US Department of Transportation: Not regulated and not classified as dangerous goods  
TDG: Not regulated and not classified as dangerous goods  
ICAO/IATA: Not regulated and not classified as dangerous goods  
IMDG: Not regulated and not classified as dangerous goods

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**SECTION 15**

**REGULATORY INFORMATION**

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US Federal Regulations: TSCA Inventory – This product complies with the U.S. Toxic Substances Control Act (TSCA)  
Canadian Regulations: GHS Classification – Not a GHS controlled product  
All components are listed on the Canadian Domestic Substance List (DSL)

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**SECTION 16**

**OTHER INFORMATION**

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HMIS: Health: 1  
Flammability: 0  
Physical Hazard: 0  
LEED: Compliant

Prepared by:  
Product Stewardship Department  
ThermaCoustics Industries International Ltd.

The above data are the results of carefully executed investigation. We do not guarantee the applicability of the accuracy of this information or suitability of our products in any given situation, because we cannot control the wide range of possibility. The products discussed are sold without warranty, either express or implied. User and or Buyer assume all risks and liability for the results obtained whether used singly or in combination with other products. Our liability for all damages hereunder shall in no case exceed the purchase price of the quantity consumed of the particular shipment with respect to which such damages may be claimed.

Users must meet all applicable safety and health standards and SDS are provided as a service to the customer. Possession of SDS does not indicate the purchase of or user of the product.

