



Premium Cork Insulation Tape - High Temperature

PTH1 (P/N 475484); VCTH4 (P/N 475485)

SDS Preparation Date (dd/mm/yyyy): 21/08/2023

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## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

**1.1 Product identifier** : **Premium Cork Insulation Tape - High Temperature**

**Product Code(s)** : PTH1 (P/N 475484); VCTH4 (P/N 475485)

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

: Air conditioning and refrigeration tapes for insulation and prevention of condensation.  
For use in locations where high ambient temperatures of up to 162.8°C (325°F) are the norm.

Restriction on use: None known

**1.3 Details of the supplier of the safety data sheet:**

**Parker Hannifin Corporation - Sporlan Division**

206 Lange Drive  
Washington, MO, U.S.A.  
63090

**Telephone** : (636) 239 1111

**1.4 Emergency Telephone Number**

: Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887 (Outside U.S.).

**1.5 National Contact**

: 011 (636) 239-1111

### SECTION 2. HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture**

Solid article. Asphalt odour.

As supplied, this product does not present a physical, health or environmental hazard.

The product is an article and is not subject to the classification criteria of Regulation (EC) 1272/2008.

This product falls under the definition of an article under Regulation (EC) No. 1272/2008 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Products with a specific shape, surface or design which determines their function more than their chemical composition). REACH requires that Parker Chomerics inform requestors of the presence of Candidate List Substances of Very High Concern (SVHC) in a concentration of > 0.1% by total weight in Articles. This product does not intentionally contain any substances present on the Candidate List SVHC's.

**2.2 Label elements**

*Hazard pictogram(s)*

None required according to Regulation (EC) No. 1272/2008.

*Signal word:*

None required according to Regulation (EC) No. 1272/2008.

*Hazard statements:*

EUH210 - Safety data sheet available on request.

*Precautionary statements:*

None required according to Regulation (EC) No. 1272/2008.



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### 2.3 Other hazards

Other hazards which do not result in classification:

Burning produces obnoxious and toxic fumes.

This product may release hydrogen sulfide (H<sub>2</sub>S) if it is heated to high temperatures.

PBT assessment:

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

Endocrine disrupting properties:

None known..

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Substance name	CAS No	EC No.	Reach Registration No.	% Weight	Classification according to Regulation (EC) nr. 1272/2008	SCL, M-factor, ATE
Non-hazardous ingredients	N/Av	N/Av	Not applicable.	100.00	Not applicable.	Not applicable.

For the full text of the H phrases not mentioned in this Section or in Section 2, see Section 16.

## SECTION 4. FIRST-AID MEASURES

### 4.1 Description of first aid measures

*Ingestion* : Do NOT induce vomiting. Never give anything by mouth if victim is unconscious. If symptoms develop, seek medical attention.

*Inhalation* : Move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. Obtain medical advice.

*Skin contact* : IF ON SKIN: Wash affected areas with soap and water. If irritation or symptoms develop, seek medical attention. Wash contaminated clothing before re-use.

*Eye contact* : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.

#### 4.1.2 Self-protection for the first aider

: None known or reported by the manufacturer.

### 4.2 Most important symptoms and effects, both acute and delayed

: May cause respiratory irritation. This product may release hydrogen sulfide (H<sub>2</sub>S) if it is heated to high temperatures. Inhalation could result in pulmonary edema (fluid accumulation).

### 4.3 Indication of any immediate medical attention and special treatment needed

: Treatment symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

*Suitable extinguishing media*

: Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

*Unsuitable extinguishing media*

: Do not use water jet, as this may spread burning material.



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### 5.2 Special hazards arising from the substance or mixture

: None known or reported by the manufacturer.

### 5.3 Advice for firefighters

#### *Protective equipment for fire-fighters*

: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

#### *Special fire-fighting procedures*

: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

: Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Individuals involved in the cleanup must wear appropriate personal protective equipment. For personal protection see section 8.

### 6.2 Environmental precautions

: Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

### 6.3 Methods and material for containment and cleaning up

: Remove all sources of ignition. Stop spill or leak at source if safely possible. Ventilate area of release. Sweep up and shovel into suitable containers for disposal. Refer to Section 13 for disposal of contaminated material. Notify the appropriate authorities as required.

### 6.4 Reference to other sections

: Refer to protective measures listed in sections 7 and 8. Refer to Section 13 for disposal of contaminated material.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

: Provide adequate ventilation. Use personal protective equipment as required. Avoid breathing fumes. Avoid contact with skin and eyes. Keep away from extreme heat and flame. Keep away from incompatibles. Keep containers closed when not in use. Wash thoroughly after handling.

### 7.2 Conditions for safe storage, including any incompatibilities

: Store in a cool, dry, well-ventilated area. Store away from incompatible materials. Protect against moisture, water, and physical damage.

### 7.3 Specific end use(s)

: Air conditioning and refrigeration tapes for insulation and prevention of condensation.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

<b>Exposure Limits:</b>			
<b>Chemical Name</b>	<b>Exposure Limits</b>	<b>Type</b>	<b>Notes</b>
Non-hazardous ingredients	N/Av	The United Kingdom (WELs)	N/Av

### **Biological Exposure Indices:**

<b>Chemical Name</b>	<b>Biological Exposure Indices</b>	<b>Type</b>
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<u>Chemical Name</u>	<u>Biological Exposure Indices</u>	<u>Type</u>
Non-hazardous ingredients	N/Av	UK. EH40 Biological Monitoring Guidance Values (BMGVs)

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

### 8.2 Exposure controls

#### **Ventilation and engineering measures**

: Provide adequate ventilation. If product is processed in a manner that generates dusts or fumes, provide mechanical ventilation to control airborne exposure levels.

#### **Respiratory protection**

: Not required under normal conditions of handling. If product is processed in a manner that generates dusts or fumes, conduct air monitoring to assess the need for respiratory protection. If respiratory protection is warranted, wear NIOSH-approved respirators. Advice should be sought from respiratory protection specialists.

#### **Skin protection**

: Not required under normal conditions of handling. For prolonged or repeated contact use protective gloves. Advice should be sought from glove suppliers.

#### **Eye / face protection**

: Not required under normal conditions of handling. If product is processed in a manner that generates dusts or fumes, wear as appropriate: Safety glasses with side shields; Goggles.

#### **Other protective equipment**

: An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

#### **General hygiene considerations**

: Avoid breathing fumes. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

### 8.3 Environmental exposure controls

: Avoid release to the environment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Physical state** : Solid article.

**Colour** : This article is a light tan, polymer based compound, containing butyl rubber, granulated cork (55% by volume) and cellulose fibers. It is supplied as a tape on a silicone backed release liner.

**Odour** : No odour.

**Odour threshold** : N/Av

**pH** : N/Av

**Flash point** : N/Av

**Flashpoint (Method)** : N/Av

**Lower flammable limit (% by vol.)**  
: N/Av

**Upper flammable limit (% by vol.)**  
: N/Av



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### Auto-ignition temperature

: N/Av

### Decomposition temperature

: N/Av

**Oxidizing properties** : None.

**Explosive properties** : Not explosive

### Initial boiling point and boiling range

: N/Av

**Melting/Freezing point** : N/Av

**Relative density** : 0.76

**Solubility in water** : insoluble

**Other solubility(ies)** : None known.

**Vapour pressure** : N/Av

**Vapour density** : N/Av

### Partition coefficient: n-octanol/water

: N/Av

**Viscosity** : N/Av

### Evaporation rate (BuAe = 1)

: N/Av

**Particle characteristics** : N/Av

## 9.2 Other Information

**Volatiles (% by weight)** : N/Av

**Volatile organic Compounds (VOC's)**

: None.

### Other physical/chemical comments

: No additional information.

## SECTION 10. STABILITY AND REACTIVITY

**10.1 Reactivity** : Not a hazard under normal conditions of use.

**10.2 Chemical stability** : Stable under the recommended storage and handling conditions prescribed.

### 10.3 Possibility of hazardous reactions

: None expected, when used as intended.

**10.4 Conditions to avoid** : Avoid heat and open flame. Avoid contact with incompatible materials. Do not use in areas without adequate ventilation.

### 10.5 Incompatible materials

: Acids; Strong oxidizing agents; Bases; Reducing agents .

### 10.6 Hazardous decomposition products

: Carbon oxides; formaldehyde; Sodium oxides; Other unidentified organic compounds

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological effects:

**Acute toxicity** : According to the classification criteria of the European Union, this product is not considered as being an acutely toxic chemical.

**Skin corrosion/Irritation** : According to the classification criteria of the European Union, this product is not considered as being a skin corrosive or irritant.

**Serious eye damage/irritation**



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: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

### Respiratory or skin sensitisation

: Not expected to be a skin or respiratory sensitizer.

**Germ cell mutagenicity** : Contains no ingredient listed as a mutagen.

**Carcinogenicity** : Contains no ingredient listed as a carcinogen

**Reproductive toxicity** : Contains no ingredient listed as toxic to reproduction.

**STOT-single exposure** : According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through a single exposure.

**STOT-repeated exposure** : According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through repeated exposures.

**Aspiration hazard** : Not applicable in the product's present form.

**Routes of exposure** : Inhalation; Skin contact; Eye contact; Ingestion

**Effects of acute exposure** : Inhalation: May cause mild respiratory irritation at higher temperatures.  
 Eye contact: Direct eye contact may cause slight or mild, transient irritation.  
 Skin contact: Direct skin contact may result in little or no irritation.  
 Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Potential Chronic Health Effects

: None known or reported by the manufacturer.

### 11.1.1 Acute Toxicity

**Toxicological data** : Not classified for acute toxicity based on available data. No data is available on the product itself. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<b>LC<sub>50</sub>(4hr)</b>	<b>LD<sub>50</sub></b>	
	<u>inh, rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Non-hazardous ingredients	Not available.	Not available.	Not available.

### 11.2 Information on other Hazards

: None known.

## SECTION 12. ECOLOGICAL INFORMATION

**12.1 Toxicity** : As supplied, this product does not present a physical, health or environmental hazard.

No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

### Ecotoxicity data:

<u>Ingredients</u>	<b>CAS No</b>	<b>Toxicity to Fish</b>		
		<b>LC50 / 96h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
Non-hazardous ingredients	N/Av	N/Av	N/Av	None.



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<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Non-hazardous ingredients	N/Av	N/Av	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Non-hazardous ingredients	N/Av	N/Av	N/Av	None.

### 12.2 Persistence and degradability

: No data is available on the product itself.

### 12.3 Bioaccumulation potential

: No data is available on the product itself.

### 12.4 Mobility in soil

: No data is available on the product itself.

### 12.5 Results of PBT and vPvB assessment

: This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

### 12.6 Endocrine disrupting properties

: None known or reported by the manufacturer.

### 12.7 Other Adverse Environmental effects

: No data is available on the product itself.

### 12.8 Additional information

: None known.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods:

**Handling for Disposal** : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. This material and its container must be disposed of in a safe way. Follow labeled warnings even after container is emptied.

**Methods of Disposal** : Dispose of in accordance with the European Directives on waste and hazardous waste. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

## SECTION 14. TRANSPORTATION INFORMATION



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<b>Regulatory Information</b>	<b>14.1 UN Number</b>	<b>14.2 UN proper shipping name</b>	<b>14.3 Transport hazard class(es)</b>	<b>14.4 Packing Group</b>	<b>Label</b>
ICAO/IATA	None.	Not regulated.	Not regulated	none	
<b>ICAO/IATA Additional information</b>	None.				
ADG	None.	not regulated	not regulated	none	
<b>ADG Additional information</b>					
IMDG	None.	Not regulated.	not regulated	none	
<b>IMDG Additional information</b>	None.				

**14.5 Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

**14.6 Special precautions for user**

: Appropriate advice on safety must accompany the package.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

: Not applicable.

## SECTION 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

: Classification according to Regulation (EC) No. 1272/2008 on the classification of hazardous mixtures. This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended [including Regulation (EU) 2020/878].

**Authorisations**

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: None of the components are specifically listed.

**Restrictions on use**

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended:

None of the components are specifically listed.

Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances:

None of the components are specifically listed.

Directive 98/24/EC on the protection of the health and safety of workers from risks related to chemical agents at work:

None of the components are specifically listed.

Directive 94/33/EC on the protection of young people at work:

None of the components are specifically listed.



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German legislation on substances that are hazardous to water AwSV:  
 Water hazard class (Germany)- 0 (self classified)

### 15.2 Chemical safety assessment

: A chemical safety assessment has not been carried out by the Manufacturer of this product.

## SECTION 16. OTHER INFORMATION

**Legend**

- : CAS: Chemical Abstract Services
- HSDB: Hazardous Substances Data Bank
- Inh: Inhalation
- LC: Lethal Concentration
- LD: Lethal Dose
- N/Ap: Not Applicable
- N/Av: Not Available
- NTP: National Toxicology Program
- PEL: Permissible exposure limit
- RCRA: Resource Conservation and Recovery Act
- RTECS: Registry of Toxic Effects of Chemical Substances
- STEL: Short Term Exposure Limit
- TLV: Threshold Limit Values

**Information Source**

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices
- 2. ECHA - European Chemical Agency
- 3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases
- 4. Safety Data Sheets from manufacturer.
- 5. US EPA Title III List of Lists
- 6. California Proposition 65 List
- 7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

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### Regulation and Procedure

not regulated; Expert judgement

H-phrases (full-text):  
 EUH210 - Safety data sheet available on request.

### Other special considerations for handling

: Provide adequate information, instruction and training for operators.

#### Prepared for:

Parker Hannifin Corporation Sporlan Division  
 206 Lange Drive, Washington, MO, U.S.A. 63090  
 Telephone: (636) 239-1111  
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 Direct all enquiries to: Parker Hannifin Corp. Sporlan Division.



#### Prepared by:

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### **DISCLAIMER**

This Material Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by / obtained from Parker Hannifin Corp and CCOHS' Web Information Service. The information in the Material Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Parker Hannifin Corp expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this MSDS does not apply to use with any other product or in any other process.

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