

ThermaBrick® Refrigerant Bricks (PCM-21B) SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Form : Article.
Product name : ThermaBrick® Refrigerant Bricks (PCM-21B)

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

Recommended use : Safe transport of blood, therapeutic drugs, vaccines, chemicals, gourmet foods or mail order meal kits.

1.3 Details of the supplier of the safety data sheet

Temprecision International
Smithers-Oasis U.K. Limited
17/18 Tilley Road
Crowther Industrial Estate
Washington, Tyne & Wear NE38 0AE
ENGLAND
customerservicetcp@temprecision.com
(44) 1 91 417 5595

e-mail address of person responsible for this SDS : info@smithersoasis.com

1.4 Emergency telephone number

Telephone number : (800) 424-9300 (CHEMTREC)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

GHS Classification

Not classified - Temprecision International considers this product an article.

“Article” means a manufactured item other than a fluid or particle (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

2.2 Label elements

No labeling applicable.

SECTION 3: Composition/information on ingredients

Not available.

3.2 Mixtures

: There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

SECTION 4: First aid measures

4.1 Description of first aid measures

General	: Pay attention to good general hygiene and housekeeping.
Eye contact	: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.
Ingestion	: If swallowed, rinse mouth with water (only if the person is conscious). Get medical attention if you feel unwell.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Water. Fire extinguishers.
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5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	: None known.
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5.3 Advice for firefighters

Special protective actions for fire-fighters	: None.
Advice for firefighters	: Qualified persons wearing full fire-fighting suits and approved/certified self-contained breathing apparatus. Use an extinguishing agent suitable for the surrounding fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special protection is required.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling	: Good hygiene practices and housekeeping measures
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7.2 Conditions for safe storage, including any incompatibilities

Recommendations	: No special measures are required.
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None required. However, use of adequate ventilation is good industrial practice.

8.2 Exposure controls

Individual protection measures

Eye/face protection	: No special protection is required.
Hand protection	: No special protection is required.
Skin protection	: No special protection is required.
Respiratory protection	: No special protection is required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	: Solid. [Plastic foam cut to a specific shape encased with a liquid in a sealed plastic film.]
Color	: Pink
Odor	: Slight to Odorless.
Odor threshold	: Not available.
pH	: Not available.
Melting point/freezing point	: Varies upon eutectic point.
Initial boiling point and boiling range	: Not available.
Flash point	: Not applicable.
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Upper/lower flammability or explosive limits	: Not applicable.
Vapor pressure	: Not available.
Vapor density	: Not applicable.
Relative density	: 1.178
Solubility(ies)	: Not available.
Partition coefficient: n-octanol/ water	: Not applicable.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available.
Viscosity	: Not applicable.
Explosive properties	: Not available.
Oxidizing properties	: Not available.

9.2 Other information

Solubility in water	: Not available.
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SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions (see Section 7).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

<u>Acute toxicity</u>	: Not classified.
<u>Irritation/Corrosion</u>	: Not classified.
<u>Sensitization</u>	: Not classified.
<u>Mutagenicity</u>	: Not classified.
<u>Carcinogenicity</u>	: Not classified.
<u>Reproductive toxicity</u>	: Not classified.
<u>Teratogenicity</u>	: Not classified.
<u>Specific target organ toxicity (single exposure)</u>	: Not classified.
<u>Specific target organ toxicity (repeated exposure)</u>	: Not classified.
<u>Aspiration hazard</u>	: Not classified.

SECTION 12: Ecological information

Marine Pollutant: Not regulated.

SECTION 13: Disposal considerations

13.1 Disposal methods

Dispose of according to all federal, state and local applicable regulations.

SECTION 14: Transport information

DOT Classification	: Not regulated.
ADR/RID	: Not regulated.
ADN	: Not regulated.
IMDG	: Not regulated.
IATA	: Not regulated.

SECTION 15: Regulatory information

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

United States inventory (TSCA 8b)	Exempt.
Europe inventory	Exempt.

SECTION 16: Other information

🔍 Indicates information that has changed from previously issued version.

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.