
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: FreezeSafe Temperature Indicator

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

- Use of the substance/mixture: Temperature Indicator

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Thermographic Measurements, Ltd.
(a subsidiary of SHOCKWATCH, INC., d.b.a. SpotSee)
- Address of Manufacturer: Riverside Buildings,
Dock Road,
Connah's Quay,
Deeside,
Flintshire, CH5 4DS,
Wales. U.K.
- Telephone: +44 (0) 1244 818348
- Email: Sales@tmc.hallcrest.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1244 818348
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Not Classified

2.2 Label elements

- Signal Word: Not Classified
- Hazard statements
No known significant effects or critical hazards
- Precautionary statements
No special precautions are required for this product

2.3 Other hazards

- No hazard expected under normal conditions of use
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SECTION 3: Composition/information on ingredients

3.2 Mixtures

- There are no hazardous components present.
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SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with eyes
Not applicable
- Contact with skin
Not applicable
- Ingestion
If you feel unwell, seek medical advice (show the label where possible)
- Inhalation
Not applicable

4.2 Most important symptoms and effects, both acute and delayed

- Not hazardous

4.3 Indication of any immediate medical attention and special treatment needed

- Not applicable
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- Use as appropriate: Carbon dioxide (CO₂), Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

- Smoke from fires is irritating. Take precautions to protect personnel from exposure
- Carbon oxides may be formed

5.3 Advice for firefighters

- Wear suitable respiratory protection
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- No special precautions are required for this product

6.2 Environmental precautions

- No special precautions are required for this product

6.3 Methods and material for containment and cleaning up

- No special precautions are required for this product
- Recover the product where possible

6.4 Reference to other sections

- For disposal refer to section 13.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- No special precautions are required for this product

7.2 Conditions for safe storage, including any incompatibilities

- Store at ambient temperature

7.3 Specific end use(s)

- No information available
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Not applicable

8.2 Exposure controls

- No special requirements
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Self adhesive colour change label.
- Colour various
- Odour: Slight
- pH - not known
- Melting point/Range: Not applicable
- Boiling point - not applicable
- Flammability: Not flammable but will support combustion
- Flash point - not applicable
- Vapour pressure - not applicable
- Vapour density - not applicable
- Specific gravity - not applicable
- Solubility in water: Insoluble in water
- Fat solubility - not applicable
- Auto-ignition point - not known
- Partition coefficient : n-Octanol/water - not applicable
- Melting point - not applicable
- Evaporation rate - not applicable

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose
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SECTION 10: Stability and reactivity (....)

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- This article is considered stable under normal conditions

10.4 Conditions to avoid

- No special requirements

10.5 Incompatible materials

- No special requirements

10.6 Hazardous decomposition products

- Burning produces obnoxious and irritating fumes.
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity: No data is available on this product.
 - Skin corrosion / irritation : No data available
 - Respiratory or skin sensitisation: No data available.
 - Germ cell mutagenicity - No data is available on this product
 - IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
 - Reproductive Effects: No information available
 - STOT-single exposure: No data is available on this product.
 - STOT-repeated exposure: No data is available on this product.
 - Repeated or prolonged exposure :No data is available on this product.
 - Aspiration hazard: No data is available on this product.
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SECTION 12: Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Not hazardous
 - Observe all federal, state and local regulations when disposing of the substance.
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SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not Classified

14.6 Special precautions for user

- Not Classified

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not Classified
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SECTION 15: Regulatory information

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

- COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
 - This product complies with ROHS legislation
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SECTION 16: Other information

This information supplied in this Safety Data Sheet is designed only as guidance for the safe use and storage of the product. This information is correct to the best of our knowledge and belief at the date of

SECTION 16: Other information (....)

publication however no guarantee is made to its accuracy. This information only relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

--- end of safety datasheet ---
