Liquid Crystal Temperature Indicating Strip

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

1.1 Product Identifier

| Product Name | Liquid Crystal Temperature Indicating Strip |

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

| Description | Surface Temperature Indication |

1.3 Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Company</th>
<th>LCR Hallcrest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>1911 Pickwick Lane</td>
</tr>
<tr>
<td></td>
<td>Glenview, Il 60026</td>
</tr>
<tr>
<td></td>
<td>USA</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.hallcrest.com">www.hallcrest.com</a></td>
</tr>
<tr>
<td>Telephone</td>
<td>847-998-8580</td>
</tr>
<tr>
<td>Fax</td>
<td>847-998-6866</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:sales@hallcrest.com">sales@hallcrest.com</a></td>
</tr>
<tr>
<td>Emergency Phone Number</td>
<td>Chemtel</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. HAZARDS IDENTIFICATION

2.1 GHS Classification

| No significant hazard |

2.2 GHS Label Elements

| None |

2.3 Other hazards which do not result in classification

| None |

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical Identity

| Plastic substrate with adhesive backing |
4. FIRST AID MEASURES

4.1 Description of first aid measures.

Inhalation: Not applicable
Eye contact: Not applicable
Skin contact: No irritation expected
Ingestion: May cause irritation of mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Not applicable
Eye contact: Not applicable
Skin contact: No irritation expected
Ingestion: No irritation expected

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation: Not applicable
Eye contact: Not applicable
Skin contact: Not applicable
Ingestion: If you feel unwell, seek medical advice (show the label where possible)

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2 Specific hazards arising, protective equipment and emergency procedures.

Burning produces irritating, toxic, and obnoxious fumes.

5.3 Advice for firefighters

Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No specific clean up requirements

6.2 Environmental Precautions

No precautions required to be mentioned

6.3 Methods and material for containment and cleaning up

Sweep up
7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Individual protection measures
Not normally required.

Eye/face protection
Not applicable

Skin protection – Hand protection
Not applicable

Respiratory protection
Not applicable

Environmental exposure controls
Keep in a cool, dry, well ventilated area.

7.2 Conditions for safe storage, including incompatibilities

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Precautions for safe handling

Individual protection measures
Not normally required

Eye/face protection
Not applicable

Skin protection – Hand protection
Not applicable

Respiratory protection
Not applicable

Environmental exposure controls
Normally not required

8.2 Conditions for safe storage, including incompatibilities

Not applicable.

8.3 Individual protection measures

None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Precautions for safe handling

Appearance
Self Adhesive plastic strip.

Colors
Various colors according to type

Odor
None

Odor threshold
Does not apply

pH
Does not apply

Melting Point/Freezing Point
Does not apply

Initial Boiling Point and Boiling Range
Does not apply

Flash Point
Does not apply

Evaporation rate
Does not apply

Flammability
Not available

Upper/Lower Flammability or Explosive Limits
Not available

Vapor Pressure
Does not apply
10. STABILITY AND REACTIVITY

10.1 Reactivity
Stable under normal conditions

10.2 Chemical Stability
Stable under normal conditions

10.3 Hazardous decomposition products.
Decomposition does not occur under normal use conditions

11. TOXICOLOGICAL INFORMATION

11.1 – Health effects

Acute Toxicity
No test data available

Skin corrosion/irritation
Non-irritant : Primary Skin Irritation Test (Geneva Labs Proc No: CL1005L)

Serious eye damage/irritation
No test data available

Respiratory or skin sensitization
Non sensitizer – tested according to ANSI/AAMI/ISO 109333 (Geneva Labs Proc. No.: CL1005L)

Germ cell mutagenicity
No test data available

Carcinogenicity
No test data available

Reproductive toxicity
No test data available

STOT-single exposure
No test data available

STOT-repeat exposure
No test data available

Aspiration hazard
No test data available

11.2 - Likely routes to exposure
This product is applied to the skin. It gives off no fumes.

12. ECOLOGICAL INFORMATION

12.1 Ecological effects

Toxicity
No data available

Persistence and Degradability
No data available

Bioaccumulative Potential
No data available

Mobility in Soil
No data available

Other Adverse Effects
No data available

12.2 Further Information
No constituent has yet been assigned a risk phrase pertaining to the ecological effects (R50 to R59) or the symbol N.

13. DISPOSAL CONSIDERATIONS
Dispose of in compliance with all local and national regulations. The U.S. Environmental Protection Agency (EPA) does not classify unused product as hazardous waste.
14. TRANSPORT INFORMATION

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>None</td>
</tr>
<tr>
<td>UN Proper Shipping Name</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Transport Hazard class(es)</td>
<td>None</td>
</tr>
<tr>
<td>Packing Group (if applicable)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental Hazards</td>
<td>No known environmental hazards</td>
</tr>
<tr>
<td>Special Precautions for the User</td>
<td>None</td>
</tr>
<tr>
<td>DOT</td>
<td>This product is not classified as dangerous for carriage</td>
</tr>
<tr>
<td>IMDG</td>
<td>This product is not classified as dangerous for carriage</td>
</tr>
<tr>
<td>IATA</td>
<td>This product is not classified as dangerous for carriage</td>
</tr>
<tr>
<td>Further Information</td>
<td>This product is not classified as dangerous for carriage</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Further Information</td>
<td>This product complies with ROHS legislation.</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS Labeling</td>
<td>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only 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. HEALTH 0, FLAMMABILITY 0, PHYSICAL HAZARD 0.</td>
</tr>
<tr>
<td>Revision Information</td>
<td>Revision 4: Updated the document to include the revision date on the document. Revision 3: This document revision is a complete rewrite of the document to bring it into compliance with the new OHSA HAZARD Communication Standard 29 CFR 1910.1200.</td>
</tr>
</tbody>
</table>