

SAFETY DATA SHEET

IREVERSIBLE TEMPERATURE INDICATING LABELS 29°C TO 290°C / 84°F TO 554°F

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MSDS013 Revision 4
Revision Date 05/28/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Irreversible Temperature Indicating Labels 29°C to 290°C / 84°F to 554°F
Additional Names None
Description Temperature indicating label.
Intended Use Temperature Indication

Company LCR Hallcrest
 1911 Pickwick Lane
 Glenview
 IL 60026 USA

Web www.hallcrest.com
Telephone +1 847 998 8580
Fax +1 847 998 6866
Email sales@hallcrest.com

Emergency telephone number Chemtel Domestic: 800-255-3924
 Intl: +01-813-248-0585

2. HAZARDS IDENTIFICATION.

GHS Classification No significant hazard

GHS Label Elements

Pictograms No significant hazard
Signal Word No significant hazard
Hazard Statements No significant hazard
Precautionary Statement No significant hazard
Classification 1994/45/EC No significant hazard

3. COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients	Classification	Conc.	CAS
None	N/A	N/A	N/A

4. FIRST AID MEASURES

Description of first aid measures

Skin contact No irritation expected.
Eye contact No irritation expected.
Inhalation Considered to be not hazardous by inhalation.
Ingestion Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

Most important symptoms and effect, both acute or delayed.

Skin contact No irritation expected.
Eye contact No irritation expected.
Inhalation Considered to be not hazardous by inhalation.
Ingestion Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

Indication of any immediate medical attention and special treatment needed.

Skin contact No irritation expected.
Eye contact No irritation expected.
Inhalation Considered to be not hazardous by inhalation.
Ingestion Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use extinguishing media appropriate to the surrounding fire conditions.
Specific hazards arising from the chemical	Burning produces irritating, toxic and obnoxious fumes.
Special protective actions for fire-fighters	Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, protective equipment and emergency procedures	No specific clean up requirements.
Environmental Precautions	No environmental requirements.
Methods and material for containment and cleaning up	Sweep up.

7. HANDLING AND STORAGE

Individual protection measures	No precautions required to be mentioned.
Conditions for safe storage, including incompatibilities:	Keep in a cool, dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Environmental Exposure Controls	Ensure adequate ventilation of the working area.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Self adhesive plastic label.
Colors	Various colors according to type.
Odor	None
Odor threshold	N/A
pH	N/A
Melting Point/Freezing Point	No testing available.
Initial Boiling Point and Boiling Range	N/A
Flash Point	No testing available.
Evaporation rate	No testing available.
Flammability	No testing available.
Upper/Lower Flammability or Explosive Limits	No testing available.
Vapor Pressure	No testing available.
Solubility	Insoluble in water.

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical Stability	Stable under normal conditions.
Possibility of hazardous reactions	No Significant Hazard.
Conditions to avoid	No Significant Hazard.
Incompatible materials	No Significant Hazard.
Hazardous Decomposition Products	No Significant Hazard.

11. TOXICOLOGICAL INFORMATION

Toxilogical Information	
No Hazardous Components	
Skin corrosion/irritation	No test data available

Serious eye damage/irritation No test data available

Respiratory or skin sensitization No test data available

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

12. ECOLOGICAL INFORMATION

Persistence and degradability No data available
Bioaccumulative potential No data available
Mobility in soil No data available
Other adverse effects None

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

UN Number This product is not classified as dangerous for carriage.
UN Proper Shipping Name This product is not classified as dangerous for carriage.
Transport Hazard class(es) This product is not classified as dangerous for carriage.
Packing Group (if applicable) This product is not classified as dangerous for carriage.
Environmental Hazards This product is not classified as dangerous for carriage.
Special Precautions for the User This product is not classified as dangerous for carriage.
DOT This product is not classified as dangerous for carriage.
IMDG This product is not classified as dangerous for carriage.
IATA This product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

WEE - (2002/96/EC) and RoHS Directive (2002/95/EC) our products as per attached schedule are fully compliant and do not contain any listed heavy metals, PBB or PBDE at levels exceeding 1000ppm specified in the directive. Typical levels have been measured at 1ppm or less.

Further Information: For this product a chemical safety assessment was not carried out.

16. OTHER INFORMATION

Revision Revision 4: Formatting - Major revision to include the requirements of the HCS/HazCom 2012 Final Rule.

Further information 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.

HMIS LABELLING HEALTH 0, FLAMMABILITY 1, PHYSICAL HAZARD 0.