



SAFETY DATA SHEET (SDS)

NexTemp®/TraxIt®

1. Product and Company Identification

Trade Name: This SDS applies to products made by Medical Indicators under the names of NexTemp, NexTemp Plus, NexTemp Ultra and TraxIt Thermometers.

Article Number: 1112, 1117, 2112EU, 2112US, 2117, 8000, 8200, 8210, 1313, 2313, 37XX, 4000-5, 4000-12, 4000-20, 4000-24, 4002-4, 4002-8, 4003-4, 4003-5, 4003-8, 4101-4

Relevant identified uses of the product: For routine clinical temperature monitoring.

Product Description: Single-use clinical thermometer that measures body temperature in either the Fahrenheit range of 96.0°F to 104.8°F or the Celsius range of 35.5°C to 40.4°C.

Details of the supplier of the safety data sheet:

Manufacturer/Supplier:

Medical Indicators, Inc.
16 Thomas J. Rhodes Industrial Drive
Hamilton, New Jersey 08619
www.medicalindicators.com
1-888-737-1601 or 609-737-1600
Emergency telephone number: 1-888-737-1601 or 609-737-1600

2. Hazard(s) Identification

Classification of the material: Non-flammable solid, latex free and mercury free

Signal Word: Not applicable

Description of the name of the Symbol: Not applicable

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Hazard statements:

No health hazards (acute and chronic) known
Route(s) of Entry: Inhalation and Skin- Not applicable
Possible Ingestion

Precautionary statements:

Swallowing- Seek appropriate medical attention.

3. Composition/ information on Ingredients

Mixture	Common Names	C.A.S. No.	% by wt
Liquid Crystal Mixture	Cholesteryl Chloride	910-31-6	<0.01
	Cholesteryl Oleyl Carbonate	17110-51-9	<0.01
	Cholesteryl-4-n-butoxyphenol (n-bpc)	Unknown	<0.01
	2,6-di-tert-Butyl-4-Methylphenol (BHT)	128-37-0	<0.001
	Kaydol Mineral Oil	8042-47-5	<0.001
None	CP-135 Sealing Tape	Unknown	0-19
None	Mylar OL 13*	Unknown	0-19

*Use for NexTemp Ultra Only

Hazardous Components (Specific Chemical Identity Common Names):
Not applicable

4. First-Aid Measures

Description of First Aid Measures**General Information:**

Skin Contact- Not applicable
Inhalation- No need for first aid is anticipated.
If swallowed- Seek appropriate medical attention.

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Information for doctor:

Most important symptoms and effects, both acute and delayed:

No known acute and chronic health hazards

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

Signs and Symptoms of Exposure: Not applicable

Emergency First Aid Procedures: Normal

5. Fire Fighting Measures

Extinguishing Media:

Suitable Extinguishing Agents- Normal

Special Fire Fighting Procedures- None

Unusual Fire and Explosion Hazards: None

Flash Point (Method Used): Not applicable

Flammable Limits: Not applicable

LEL: Not applicable

UEL: Not applicable

6. Accidental Release Measures

Steps to be taken in case material is released or spilled: Pick up and dispose in regular trash.

7. Handling and Storage

Precautions: None

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Other Precautions: Not applicable

8. Exposure Controls/ Personal Protection

Ventilation: Normal
Local Exhaust: Not applicable
Special: None
Mechanical (General): Not applicable
Other: Not applicable

Requirements for Personal Protective Equipment:

Respiratory Protection: None required
Protective Gloves: As per organization's policy
Eye Protection: As per organization's policy
Other Protective Clothing or Equipment: None required (as per organization's policy)
Work/Hygienic Practices: As per organization's policy

9. Physical and Chemical Properties

Appearance: Solid
Boiling Point: Not applicable
Vapor Pressure (mm Hg): Not applicable
Vapor Pressure (Air= 1): Not applicable
Solubility in Water: Not applicable
Specific gravity (H₂O= 1): Not applicable
Melting Point: Not applicable
Evaporation Rate (Butyl Acetate= 1): Not applicable
Appearance and Odor: Appearance- Spatula or heart shaped with crystals
in thermometer points. Odor- None

10. Stability and Reactivity

Reactivity: Stable

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No incompatibility (materials to avoid) known

Hazardous Decomposition or Byproducts: None known

Hazardous Polymerization: Will not occur

11. Toxicological information

Study	Substance	Subject	Test	Results
Cytotoxicity	Liquid crystal Mixture	V79 Cells	Colony formation Inhibition	No Cytotoxicity
Oral Mucosal Irritation	NexTemp intraoral Thermometer	Rabbits	Saline extract of white rabbits	Not Irritant, 5days
Dermal Sensitization of Liquid Crystal Mixture	Liquid crystal Mixture	Guinea pig	Maximization	No dermal sensitization, 24hrs and 48hrs
Primary Skin Irritation	TraxIt Thermometer	Rabbits	Saline extract of white rabbits	Not Irritant 24hrs, 48hrs and 72hrs

According to the table above, liquid crystal mixture and our thermometers are safe to use and shall not cause any harm as per testing methods GLP and ISO 10993-10

Likely Routes of Exposure:

Entry:

Inhalation- Not applicable

Ingestion- Possible

Effects from Exposure:

Signs and Symptoms of Exposure- Not applicable

Carcinogenicity: Not applicable

Chemical Listings:

NTP: Not applicable

IARC Monographs: Not applicable

OSHA Regulated: Not applicable

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12. Ecological Information

Toxicity:

Aquatic Toxicity- No relevant information available.

Persistence and Degradability: No relevant information available.

Behavior in Environmental Systems:

Bioaccumulative potential- No relevant information available.

Mobility in soil- No relevant information available.

Additional ecological information: No relevant information available.

Other Adverse Effects: No relevant information available.

13. Disposal Considerations

Waste Disposal Method- Regular trash or medical waste depending on the organization's policy.

14. Transport Information

Classification Information for Shipping and Transporting- Not applicable

Special Precautions: None

15. Regulatory Information

National and/or Regional Regulatory Information: Not applicable

16. Other Information

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This Safety Data Sheet was revised on June 16, 2022 to update section 3.0 and add a table under toxicology section that shows our products and our liquid crystal mixture are not toxic. On November 19, 2021. Changes made to remove all the obsolete product catalog numbers that MII no longer manufactured and added a composition table under section 3.0. This Safety Data Sheet was revised on June 20, 2017. Changes have been made to the previous revision dated February 25, 2014 to update the article number (product catalog) and on October 3, 2012 for compliance to the OSHA Hazard Communication Standard. This information is based on the Company's current knowledge. *The information contained in this Safety Data Sheet "shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship."*