



SAFETY DATA SHEET (SDS)

## Tempa•DOT®

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### 1. Product and Company Identification

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**Trade Name:** This SDS applies to products made by Medical Indicators under the name of Tempa•DOT® Single-use Clinical Thermometers.

**Article Number:** 5122, 5122NS, 5124NS, 5192R, 5502R, 5532, 5532NS, 5538.

**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°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](http://www.medicalindicators.com)  
1-888-737-1601 or 609-737-1600  
Emergency telephone number: 1-888-737-1601 or 609-737-1600

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### 2. Hazard(s) Identification

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**Classification of the material:** Non-flammable solid

**Signal Word:** Warning

**Description of the name of the Symbol:** Exclamation Mark

**Hazard statements:**

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

**Precautionary statements:**

Eyes- Flush eyes with large amounts of water. If signs/ symptoms persist, get medical attention.  
Skin- Wash affected area with soap and water. If signs/ symptoms persist, Get medical attention.  
Inhalation- No need for first aid is anticipated.  
Swallowing- Seek appropriate medical attention.

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**3. Composition/information on Ingredients**

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Common Names)	Hazardous Components (Specific Chemical Identity;	
	C.A.S. No.	% by wt
APET/Nylon/Surlyn web	Unknown	70-90
Polyethylene, flat rectal sheath	9002-88-4	0-20
Sealing Tape	Unknown	0-19
Polyisobutylene Tape	Unknown	0-10
1-Bromo-2-Nitrobenzene	577-19-5	<0.1
O-Chloronitrobenzene	88-73-3	<0.1
Pinacyanol dye	605-91-4	<0.01

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**4. First-Aid Measures**

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**Description of First Aid Measures**

**General Information:** If signs/ symptoms persist get medical attention.

Eye Contact- Flush eyes with large amounts of water.  
Skin Contact- Wash affected area with soap and water.  
Inhalation- No need for first aid is anticipated.  
If swallowed- Seek appropriate medical attention.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed:**

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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

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**5. Fire-Fighting Measures**

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**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

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**6. Accidental Release Measures**

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

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**7. Accidental Release Measures**

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**Precautions:** None other than avoiding temperatures above 30°C/86°F which may result in pre-firing of the thermometer.

**Other Precautions:** Avoid eye contact. See additional precautionary warnings in the Directions for Use.

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## 8. Exposure Controls/ Personal Protection

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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

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## 9. Physical and Chemical Properties

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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 (H<sub>2</sub>O= 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

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## 10. Stability and Reactivity

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**Reactivity:** Stable

No incompatibility (materials to avoid) known

**Hazardous Decomposition or Byproducts:** Carbon monoxide and Carbon dioxide

**Hazardous Polymerization:** Will not occur.

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## 11. Toxicological Information

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### Likely Routes of Exposure:

Entry:

Inhalation and Skin- 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

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### 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.

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Additional ecological information: No relevant information available.

**Other Adverse Effects:** No relevant information available.

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### 13. Disposal Considerations

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**Waste Disposal Method:** Regular trash or hazardous waste depending on the organization's policy.

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### 14. Transport Information

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**Classification Information for Shipping and Transporting:** Not applicable.

**Special Precautions:** None other than avoiding temperatures above 30°C/86°F which may result in pre-firing of the thermometer.

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### 15. Regulatory Information

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**National and/or Regional Regulatory Information:** Not applicable.

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### 16. Other Information

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This Safety Data Sheet was revised on November 19, 2021 to remove all the obsolete product catalog numbers that MII no longer manufactured.

This Safety Data Sheet was revised on April 17, 2019 to add 5532NS and to update the common name under section 3. This Safety Data Sheet was revised on September 15, 2017 to add the following product catalog: 5124, 5124NS and 5538. February 24, 2014. Changes have been made to the previous revision dated February 24, 2014. Changes have been made on July 23, 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."*

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