

Product name: EM-Tec TempStick 135C temporary mounting wax
Document Nr.: SDS00115005101

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Section 1: Identification of the substance or mixture and the company

1.1. Product Identifier

Name: EM-Tec TempStick 135C temporary mounting wax.
The substance does not require registration according to regulation (EC) Nr. 1907/2006 (REACH).

1.2 Relevant applications of the material and uses advised against

Temperature sensitive quick setting temporary mounting wax for microscopy sample preparation

1.3. Company details

Micro to Nano BV
Tappersweg 91
2031ET Haarlem
Netherlands
Tel: +31(0)85-2013155
E: info@microtonano.com

1.4 Emergency telephone number

+31(0)85-2013155 (office hours) Micro to Nano BV, Netherlands

Section 2: Hazards identification

2.1. Classification according to Regulation EC Nr. 1272/2008

This substance does not meet the criteria for classification in accordance with regulation Nr. 1272/2008/EC

2.2 Labeling elements

Labelling accordance to Regulation EC Nr. 1272/2008

Not needed

2.3 Other hazards

Not applicable

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Section 3: Composition / information on components**3.1. Substances**

EM-Tec TempStick 135C temporary mounting wax

3.2 Mixtures

Ingredients	CAS #	EINECS #	Index #	WT%	GHS Classification
Phtalic anhydride with <0.05% Maleic anhydride	85-44-9	201-607-5	607-009-00-4	68%	Not applicable
Ethylene Glycol	107-21-1	203-473-3	603-027-00-1	32%	Not applicable

Section 4: First aid measures**4.1. Description of first aid measures**

Contact with eyes:	Rinse cautiously with water for several minutes. If possible, remove contact lenses. Continue rinsing.
Contact with skin:	Wash with water and soap. Seek medical attention if irritation persists.
Inhalation:	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
Ingestion:	Rinse mouth. Seek medical assistance if you feel unwell. Do not induce vomiting.

4.2. Important symptoms and effects, either immediate or delayed

Inhalation:	Not a route of exposure under normal use conditions
Ingestion:	Not a route of exposure
Skin contact:	Generally, not a skin irritant. Pre-existing skin problems may be aggravated by prolonged or repeated contact
Eye contact:	May cause eye irritation

4.3. Indication of any immediate medical attention and special treatment

General advise:	If you feel unwell, seek medical advice; show product label if possible If symptoms persist, always call a doctor Treat symptoms and reduce over-exposure
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Section 5: Firefighting Measures

5.1. Extinguishing media

Water, carbon dioxide or dry agent

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice to firefighters

Keep container(s) exposed to fire cool by spraying with water
In case of fire; do not breathe fumes

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing vapour or mist. Use appropriate respirator when ventilation is inadequate. Provide adequate ventilation. Use protective clothing.

6.2 Environmental precautions

Do not allow to enter public sewers and waterways

6.3 Methods and material for containment and clean up

Pick up mechanically

6.4 Reference to other sections

For further information see section 8

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Section 7: Handling and storage

7.1. Precautions for safe handling

Avoid getting the product on you or in you. Wash thoroughly after handling this product.
Do not eat, drink, smoke or apply cosmetics when handling this product.
Use in a well-ventilated location

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated place away from heat or direct sunlight.

7.3 Specific end uses(s)

Temperature sensitive quick setting temporary mounting wax for microscopy sample preparation

Section 8: Exposure control and personal protection

8.1. Control parameters

Exposure limits

Chemical name	CAS #	TWA	STEL	Notes
Phtalic anhydride with <0.05%	85-44-9	1 ppm	2 ppm	Not applicable
Maleic anhydride				
Ethylene Glycol	107-21-1	100mg/m3	Not available	Not applicable

8.2 Exposure controls

Control procedures: General room ventilation is adequate when using the carbon tape
Maintain appropriate working environment

Personal protection: Protective work clothing

Inhalation: If necessary, use respiratory protection to local standards such as EN149 (EU)

Hands and skin: Use chemical resistant gloves to prevent skin contact

Eyes: Use safety glasses or chemical goggles to prevent eye contact

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance/physical state:	Solid
Colour:	Translucent with blue/green hue
Odour:	No data available
pH	Not applicable
Melting point/range:	Not determined
Boiling point/range:	>100°C
Flash point:	Not determined
Evaporation rate:	Not available
Explosion limits: upper limit:	Not determined
lower limit:	Not determined
Vapour pressure:	>1
Density:	Not determined
Solubility in water:	Not soluble in water
Auto-ignition:	Not determined
Viscosity:	Not applicable
VOC:	No data available

9.2 Other information

None

Section 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purposes

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purposes

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10.4 Conditions to avoid

Moisture and contact with incompatible materials

10.5 Incompatible materials

Strong acids, strong bases, strong oxidising agents and strong reducing agents

10.6 Hazardous decomposition products

Thermal decomposition products may include carbon monoxide, carbon dioxide and other toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Information on hazard classes as defined in Regulation (EC) Nr. 1272/2008

Acute toxicity:	Not classified
Inhalation:	Not classified
Skin contact:	Not classified
Eye contact:	Not classified
Sensitisation:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT - single exposure:	Not classified
STOT – repeated exposure:	Not classified

Toxicological data:

No toxicological data available

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed:	No effects known
If in eyes:	Generally, not an eye irritant
If inhaled:	No effects known
If on skin:	Generally, not a skin and respiratory sensitiser
Other information:	Health effects are not known

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11.2. Endocrine disrupting properties

Not listed

11.3. Information on other hazards

There is no additional information

Section 12: Ecological information

12.1. Aquatic toxicity

Not classified

12.2 Persistence and degradability

No information available

12.3 Bio-accumulative 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 Hazardous decomposition products

No information available

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Section 13: Disposal considerations

13.1. Waste treatment methods

Product: This material and its packaging must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.

National regulations: Disposal should be in accordance with local, state or national legislation.

Section 14: Transport information

14.1. UN number

UN-number: N/A

14.2 UN proper shipping name

Proper shipping name: N/A

14.3 Transport hazard class(es)

Class: N/A
ADR/RID-Classification code: N/A

14.4 Packing group

Packing: N/A

14.5 Incompatible materials

ADR/RID- Environmentally hazardous: N/A
IMDG-Marine pollutant: N/A
IATA/ICAO-Environmentally hazardous: N/A

14.6 Special precautions for user

ADR/RID-Tunnelcode: N/A
IMDG-Ems: N/A
IATA/ICAO-PAX: N/A
IATA/ICAO-CAO: N/A

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not applicable

Section 15: Regulatory information

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

Restrictions according to REACH, Annex XVII: Not listed

List of substance subject to authorisation (REACH, Annex XIV)/(SVHC) – candidate list: Not listed

15.2 Chemical safety assessment

No information available

Section 16: Other information

RoHS Directive Compliant

This product is fully compliant with the directive 2100/65/EU Annex II (RoHS). It does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's or PBDE's.

WEEE

This product is not a piece of electrical or electronic equipment, and is therefore not governed by Directive 2002/96/EC on waste electrical and electronic equipment (WEEE).

This product should be stored, handled and used in accordance with good industrial hygiene practices and in accordance with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe the product from the point of view of safety requirements. It does not guarantee any specific properties.

It is the responsibility of the user to query and verify any information seeming suspect or where doubt on the validity may exist. The buyer assumes all responsibility of using and handling the product in accordance with local, state, federal and international regulations.

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