

# Safety Data Sheet

Regulation EC Nr. 1907/2006 Art.31

**Product name:** EM-Tec single sided polyimide adhesive tape  
**Document Nr.:** SDS00171000106

**Date:** February 22nd 2018  
**Version:** 2.0

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

### 1.1. Product Identifier

Name: Single sided polyimide adhesive tape

### 1.2 Relevant applications of the material and uses advised against

Insulation tape, masking tape for elevated temperatures, sample holding for microscopy and coating applications.

### 1.3. Company details

Vof Micro to Nano  
Wateringweg 79  
2031EK Haarlem  
Netherlands  
Tel: +31(0)85-2013155  
E: info@microtonano.com

### 1.4 Emergency telephone number

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

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

<b>Physical:</b>	Not classified
<b>Health:</b>	Not classified
<b>Environment:</b>	Not classified
<b>Other hazards:</b>	Not classified

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

The substance is not classified as hazardous to health or to the environment according to CLP regulation.



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## Classification according to 67/548/EEC of 1999/45/EC

Not applicable

## 2.2 Labeling elements

Not applicable

## 2.3 Other hazards

Not applicable

## Section 3: Composition / information on components

### 3.1. Substances

Single sided non-conductive polyimide tape with a silicon-based adhesive without a liner. Not considered hazardous under normal usage and at temperatures below 260 °C. Can release irritating and or toxic vapours at elevated temperatures > 400°C.

### 3.2 Mixtures

40-60 WT% Polyimide polymer	CAS #: 25038-81-7	EC #: Not known
40-60 WT% Polysiloxane adhesive	CAS #: 68440-63-1	EC #: Not known

## 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:	Not a probable route of exposure for tapes
Ingestion:	Not a route of exposure. Not considered hazardous.

### 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



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Skin contact: Generally, not a skin irritant  
Eye contact: Generally, not irritating to eyes

## 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

## Section 5: Firefighting Measures

### 5.1. Extinguishing media

N/A

### 5.2 Special hazards arising from the substance or mixture

None

### 5.3 Advice to firefighters

Non-flammable

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Not required

### 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

Not required

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated place away from heat or direct sunlight.  
Preferred storage: refrigerator

### 7.3 Specific end uses(s)

Adhesive for holding samples in microscopy and surface science applications

## Section 8: Exposure control and personal protection

### 8.1. Control parameters

No ingredients listed in this section.

### 8.2 Exposure controls

Control procedures:	General room ventilation is adequate when using the polyimide tape Maintain appropriate working environment
Personal protection:	Protective work clothing
Inhalation:	Not normally required
Hands and skin:	Not normally required
Eyes:	Not normally required



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## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance/physical state:	Transparent amber film
Colour:	Amber
Odour:	None
pH	Not applicable
Melting point/range:	Not determined
Boiling point/range:	Not determined
Flash point:	Not determined
Evaporation rate:	Not available
Explosion limits: upper limit:	Not determined
lower limit:	Not determined
Vapour pressure:	Negligible at room temperature
Density:	>1.4
Solubility in water:	Not soluble in water
Auto-ignition:	Not determined
Viscosity:	Not applicable

## 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

Contact with incompatible materials

## 10.5 Incompatible materials

Not known

## 10.6 Hazardous decomposition products

Major thermal decomposition products are carbon monoxide, carbon dioxide

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Information on likely routes of exposure:

<b>Inhalation:</b>	Not available
<b>Skin contact:</b>	Not available
<b>Eye contact:</b>	Not available
<b>Sensitisation:</b>	No effects known
<b>Carcinogenicity:</b>	No effects known

**Toxicological data:** No data for LD/LC 50 values

## 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



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## 12.4 Mobility in soil

Insoluble in water

## 12.5 Results of PBT and vPvB assessment

Not applicable

## 12.6 Hazardous decomposition products

No information available

## 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



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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-Tunnel code: N/A  
IMDG-Ems: N/A  
IATA/ICAO-PAX: N/A  
IATA/ICAO-CAO: N/A

## 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

Not listed

### 15.2 Chemical safety assessment

No information available

## Section 16: Other information

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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