

Product name: Micro-Tec Clear Cellulose Acetate Sheets
Document Nr.: SD00116006050-01

Date: April 30th 2020
Version: 1.0

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

1.1. Product Identifier

EM-Tec Clear Cellulose Acetate Sheets

CAS #9004-35-7

1.2 Relevant identified uses of the substance or mixture and uses advised against

Replications sheets for surface replication

1.3. Details of the supplier of the Safety Data Sheet

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

1.4 Emergency telephone number

112 (NLD) or your national emergency telephone number for chemical spills, leaks, fires, exposures or accidents

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Physical:	None
Health:	None
	None
Environment:	None
Other hazards:	No additional information

Classification according to Regulation EC Nr. 1272/2008

Health:	Not classified
	Not classified
Physical	Not classified
Environment:	Not classified
Other hazards:	Not classified



Micro to Nano

Innovative Microscopy Supplies

Tappersweg 91
2031ET Haarlem
The Netherlands

T +31-85-2013155
E info@microtonano.com
I www.microtonano.com

Product name: Micro-Tec Clear Cellulose Acetate Sheets
Document Nr.: SD00116006050-01

Date: April 30th 2020
Version: 1.0

2.2 Labelling elements

Labelling accordance to Regulation EC Nr. 1272/2008

Hazard pictogram: None
Signal word: **None mandated**
Hazard statement(s): None
Precautionary statement(s): None
Supplemental hazard info: None

2.3 Other hazards

None

Section 3: Composition / information on components

3.1. Substances

Not applicable

3.2 Mixtures

CAS Nr	Name	Classification according to directive 67/548/EEC [DSD]	Classification according to regulation Nr 1272/2008 [CLP]
9004-35-7	Cellulose Acetate		

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: If swallowed, do not induce vomiting
Seek immediate medical advice



Micro to Nano

Innovative Microscopy Supplies

Tappersweg 91
2031ET Haarlem
The Netherlands

T +31-85-2013155
E info@microtonano.com
I www.microtonano.com

Product name: Micro-Tec Clear Cellulose Acetate Sheets
Document Nr.: SD00116006050-01

Date: April 30th 2020
Version: 1.0

4.2. Important symptoms and effects, either immediate or delayed

Inhalation:	None known or expected
Ingestion:	None known or expected
Skin contact:	None known or expected
Eye contact:	None known or expected

4.3. Indication of any immediate medical attention and special treatment

None known or expected

Section 5: Firefighting Measures

5.1. Extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Combustible. May produce toxic fumes of carbon monoxide if burning

5.3 Advice to firefighters

Wear full protective clothing. Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing including eye/face protection

6.2 Environmental precautions

Avoid release into the environment

6.3 Methods and material for containment and clean up

Pick up mechanically



Micro to Nano
Innovative Microscopy Supplies

Tappersweg 91
2031ET Haarlem
The Netherlands

T +31-85-2013155
E info@microtonano.com
I www.microtonano.com

Product name: Micro-Tec Clear Cellulose Acetate Sheets
Document Nr.: SD00116006050-01

Date: April 30th 2020
Version: 1.0

6.4 Reference to other sections

For further information see section 8

Section 7: Handling and storage

7.1. Precautions for safe handling

Avoid dust formation
Keep away from food, drink and animal feedstuff

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and ventilated place

7.3 Specific end uses(s)

Making of replicas of sample surfaces

Section 8: Exposure control and personal protection

8.1. Control parameters

Exposure limits

Occupational exposure limits (OEL): not relevant

8.2 Exposure controls

Control procedures:	Ensure adequate ventilation.
Personal protection:	Take precautions to avoid contact with eyes and skin when handling the product
Inhalation:	In case of insufficient ventilation, wear suitable respiratory equipment:
Hands and skin:	Wear suitable gloves against chemicals; recommended gloves: Nitrile
Eyes:	Wear safety goggles with side protection



Micro to Nano
Innovative Microscopy Supplies

Tappersweg 91
2031ET Haarlem
The Netherlands

T +31-85-2013155
E info@microtonano.com
I www.microtonano.com

Product name: Micro-Tec Clear Cellulose Acetate Sheets
Document Nr.: SD00116006050-01

Date: April 30th 2020
Version: 1.0

10.5 Incompatible materials

Strong oxidising agents

10.6 Hazardous decomposition products

CO, CO₂

Section 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure:

Inhalation: No known significant effects
Skin contact: Not classified to be corrosive / irritant to skin
Eye contact: Not classified as eye irritant
Ingestion: No known significant effects
Chronic: No known long-term effect

Toxicological data:

Ingredient	Toxicity	Irritation
Cellulose Acetate	Oral rat LD50: >5050mg/kg	Not available

Section 12: Ecological information

12.1. Toxicity

Not classified

12.2 Persistence and degradability

No experimental data available

12.3 Bioaccumulative potential

No experimental data available



Micro to Nano
Innovative Microscopy Supplies

Tappersweg 91
2031ET Haarlem
The Netherlands

T +31-85-2013155
E info@microtonano.com
I www.microtonano.com

Product name: Micro-Tec Clear Cellulose Acetate Sheets
Document Nr.: SD00116006050-01

Date: April 30th 2020
Version: 1.0

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

No information available

12.6 Hazardous decomposition products

Non-hazardous to water

Section 13: Disposal considerations

13.1. Waste treatment methods

Product: This material and its container 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



Micro to Nano
Innovative Microscopy Supplies

Tappersweg 91
2031ET Haarlem
The Netherlands

T +31-85-2013155
E info@microtonano.com
I www.microtonano.com

Product name: Micro-Tec Clear Cellulose Acetate Sheets
Document Nr.: SD00116006050-01

Date: April 30th 2020
Version: 1.0

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

UN-number: N/A

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 it therefore not governed by Directive 2002/96/EC on waste electrical and electronic equipment (WEEE)

Abbreviations:

LD50	Lethal Dose 50%
N/A	Not applicable
N/E	Not estimated
PBT	Persistent Bioaccumulative and Toxic



Micro to Nano

Innovative Microscopy Supplies

Tappersweg 91
2031ET Haarlem
The Netherlands

T +31-85-2013155
E info@microtonano.com
I www.microtonano.com

Safety Data Sheet

Regulation EC Nr. 1907/2006 Art.31

Product name: Micro-Tec Clear Cellulose Acetate Sheets
Document Nr.: SD00116006050-01

Date: April 30th 2020
Version: 1.0

WEL	Workplace Exposure Limit
RoHS	Restriction of Hazardous Substance
SEM	Scanning Electron Microscope
STEL	Short-Term Exposure Limit
STOT	Specific Target Organ Toxicity
vPvB	very Persistent and very Bioaccumulative
WEEE	Waste Electrical and Electronic Equipment

DSD / DPD label elements

None

Full Text Risk and Hazard codes

None

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.



Micro to Nano

Innovative Microscopy Supplies

Tappersweg 91
2031ET Haarlem
The Netherlands

T +31-85-2013155
E info@microtonano.com
I www.microtonano.com