

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006, as retained and amended in UK law [UK REACH]



WIKO® MS POLYMER HIGH TACK

Material number MS-POLYMER-HIGH-TACK

Version: 4.2
Replaces version: 4.1

Revision date: 16/12/2022
Date of print: 25/1/2023

Page: 1 of 8
Language: en-GB,IE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: WIKO® MS POLYMER HIGH TACK

This safety data sheet pertains to the following products:
WIKO® MS POLYMER HIGH TACK WHITE/GREY/BLACK

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

General use: Sealing compound

1.3 Details of the supplier of the safety data sheet

Company name: WIKO Klebetechnik Sp. z o.o.
Street/POB-No.: ul. Ekonomiczna 8
Postal Code, city: PL-42-271 Czestochowa
WWW: www.gluetec-group.com
E-mail: info.pl@gluetec-group.com
Telephone: +48 (0) 34 372 58 58
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Department responsible for information:
Telephone: +48 (0) 34 372 58 58, E-mail: info.pl@gluetec-group.com

1.4 Emergency telephone number

GIZ-Nord, Göttingen, Germany,
Telephone: +49 551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

This mixture is classified as not hazardous.

2.2 Label elements

Labelling (CLP)

Hazard statements: not applicable

Precautionary statements: not applicable

Special labelling

EUH208 Contains Dioctylbis(pentane-2,4-dionato-O,O')tin and N-(3-(Trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

2.3 Other hazards

With exposure to moisture, product will release methanol.
Methanol: Toxic if swallowed, in contact with skin or if inhaled.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

The product does not contain any as PBT or vPvB classified substances.

SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Mixture of the substance mentioned below with non-hazardous additions:

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Page: 2 of 8
Language: en-GB,IE

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-2119513215-52-xxxx EC No. 220-449-8 CAS 2768-02-7	Trimethoxyvinylsilane Flam. Liq. 3; H226. Acute Tox. 4; H332.	1 - 5 %
EC No. 483-270-6 CAS 54068-28-9	Dioctylbis(pentane-2,4-dionato-O,O')tin Skin Sens. 1; H317. STOT SE 2; H371. STOT RE 2; H373.	< 1 %
EC No. 217-164-6 CAS 1760-24-3	N-(3-(Trimethoxysilyl)propyl)ethylenediamine Acute Tox. 4; H332. Eye Dam. 1; H318. Skin Sens. 1; H317. Aquatic Chronic 2; H411.	< 1 %

Full text of H- and EUH-statements: see section 16.

Additional information: With exposure to moisture, product will release methanol. The maximum workplace exposure limits are, where necessary, listed in section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation: Move victim to fresh air. In the event of discomfort seek medical treatment.

Following skin contact: After contact with skin, wash immediately with plenty of water. Take off contaminated clothing. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist in the event of irritation.

After swallowing: If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Consult physician.

4.2 Most important symptoms and effects, both acute and delayed

May cause allergic reactions in already sensitized persons.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings.
Water spray jet, extinguishing powder, alcohol resistant foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons:
Full water jet

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.
Furthermore, there may develop: carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:
Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: Hazchem-Code: -
Do not allow fire water to penetrate into surface or ground water.

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Revision date: 16/12/2022
Date of print: 25/1/2023

Page: 3 of 8
Language: en-GB,IE

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapours. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Keep unprotected people away.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Final cleaning.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling:

Handle in accordance with good industrial hygiene and safety practice. Provide adequate ventilation, and local exhaust as needed. Avoid contact with skin and eyes. Do not breathe vapours. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place. Protect from humidity and water. Protect from heat and direct sunlight. Do not store material on passage ways and escape routes. Keep only in original container.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs. Do not store together with Water, strong acids or strong bases.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
67-56-1	Methanol	Europe: IOELV: TWA	260 mg/m ³ ; 200 ppm (may be absorbed through the skin)
		Great Britain: WEL-STEL	333 mg/m ³ ; 250 ppm (may be absorbed through the skin)
		Great Britain: WEL-TWA	266 mg/m ³ ; 200 ppm (may be absorbed through the skin)
		Ireland: 8 hours	260 mg/m ³ ; 200 ppm (may be absorbed through the skin)
54068-28-9	Diocetylbis(pentane-2,4-dionato-O,O')tin	Great Britain: WEL-STEL	0.2 mg/m ³ (may be absorbed through the skin)
		Great Britain: WEL-TWA	0.1 mg/m ³ (may be absorbed through the skin)
		Ireland: 15 minutes	0.2 mg/m ³ (compounds, organic)
	Ireland: 8 hours	0.1 mg/m ³ (compounds, organic)	

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Revision date: 16/12/2022
Date of print: 25/1/2023

Page: 4 of 8
Language: en-GB,IE

DNEL/DMEL: Information about Trimethoxyvinylsilane:
DNEL, workers, long-term, systemic, dermal: 0.2 mg/kg bw/d
DNEL, workers, short-term, systemic, inhalative: 4.9 mg/m³
DNEL, workers, long-term, systemic, inhalative: 2.6 mg/m³
DNEL, consumers, long-term, systemic, oral: 0.1 mg/kg bw/d
DNEL, consumers, short-term, systemic, dermal: 0.1 mg/kg bw/d
DNEL, consumers, long-term, systemic, dermal: 0.1 mg/kg bw/d
DNEL, consumers, short-term, systemic, inhalative: 93.4 mg/m³
DNEL, consumers, long-term, systemic, inhalative: 0.7 mg/m³

PNEC: Information about Trimethoxyvinylsilane:
PNEC water (freshwater): 0.4 mg/L
PNEC water (marine water): 0.04 mg/L
PNEC water (intermittent release): 2.4 mg/L
PNEC sediment (freshwater): 1.5 mg/kg
PNEC sediment (marine water): 0.15 mg/kg
PNEC sewage treatment plant: 6.6 mg/L
PNEC soil: 0.6 mg/kg

8.2 Exposure controls

Provide adequate ventilation, and local exhaust as needed.

Personal protection equipment

Occupational exposure controls

Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection: Protective gloves according to EN 374.
Glove material: nitrile rubber, butyl caoutchouc (butyl rubber).
Breakthrough time: 30 min
The breakthrough times determined in accordance with EN 374 Part III were not obtained under practical conditions. The recommended maximum wearing time is 50% of breakthrough time. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures: Avoid contact with skin and eyes. Take off contaminated clothing and wash it before reuse. Wash hands before breaks and after work. Do not breathe vapours. When using do not eat, drink or smoke.

Environmental exposure controls

Refer to "6.2 Environmental precautions".

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: solid Form: pasty Colour: varying, depends on colouring
Odour:	Aromatic
Odour threshold:	Not determined
pH:	approx. 7
Melting point/freezing point:	<= -40 °C
Initial boiling point and boiling range:	Not determined
Flash point/flash point range:	Not applicable
Evaporation rate:	Not determined
Flammability:	> 440 °C

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Page: 5 of 8
Language: en-GB,IE

Explosion limits:	LEL (Lower Explosion Limit): Not applicable UEL (Upper Explosive Limit): Not applicable
Vapour pressure:	Not determined
Vapour density:	Not applicable
Density:	1.53 - 1.56 g/L
Solubility:	Not determined
Water solubility:	soluble
Fat solubility:	insoluble
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity, kinematic:	at 40 °C: ≥ 20.5 mm ² /s
Explosive properties:	Product is not explosive.
Oxidizing characteristics:	none

9.2 Other information

Bulk density:	Not determined
Solvent content:	0 %

SECTION 10: Stability and reactivity

10.1 Reactivity

Hydrolyzes with water.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

With exposure to humidity, product will release methanol.

10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.
Protect from humidity and water.

10.5 Incompatible materials

Water, strong acids and strong bases.

10.6 Hazardous decomposition products

With exposure to moisture, product will release methanol.

Thermal decomposition: Not determined

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Date of print: 25/1/2023

Page: 6 of 8
Language: en-GB,IE

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met. ATEmix (calculated): ATE > 20 mg/L/4h (vapours/dust).

Skin corrosion/irritation: Lack of data.

Serious eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Other information:

Information about Trimethoxyvinylsilane:

LD50 Rat, oral: 7,120 mg/kg (OECD 401)

LD50 Rabbit, dermal: 3,200 mg/kg (OECD 402)

LC50 Rat, inhalative (vapours): 16.8 mg/L/4h (OECD 403)

LC50 Rat, inhalative (aerosol): 2,773 ppm/4h (OECD 403)

Symptoms

With exposure to moisture, product will release methanol.

Methanol: Toxic if swallowed, in contact with skin or if inhaled.

After eye contact: The product can cause irritation of the eyes.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Information about Trimethoxyvinylsilane:

Fish toxicity:

LC50 Oncorhynchus mykiss: 191 mg/L/96h (OECD 203).

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): 169 mg/L/48h (OECD 202).

NOEC Daphnia magna (Big water flea): 28 mg/L/21d (OECD 211).

Algae toxicity:

EC50 Selenastrum capricornutum: > 100 mg/L/72h (OECD 201).

NOEC Scenedesmus subspicatus: > 957 mg/L/72h.

12.2 Persistence and degradability

Further details:

No data available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

Not determined

12.4 Mobility in soil

No data available

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Revision date: 16/12/2022
Date of print: 25/1/2023

Page: 7 of 8
Language: en-GB,IE

12.5 Results of PBT and vPvB assessment

The product does not contain any as PBT or vPvB classified substances.

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 08 04 10 = waste adhesives and sealants other than those mentioned in 08 04 09
Recommendation: Dispose of waste according to applicable legislation. Do not dispose of with household waste.

Package

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG, IATA-DGR: not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR: Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR: not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR: not applicable

14.5 Environmental hazards

Marine pollutant: no

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code: -
No data available

National regulations - EC member states

Volatile organic compounds (VOC):
0 % by weight = 0 g/L

Labelling of packaging with <= 125mL content

Hazard statements: EUH208 Contains Dioctylbis(pentane-2,4-dionato-O,O')tin and N-(3-(Trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

Precautionary statements: not applicable

SAFETY DATA SHEET

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Revision date: 16/12/2022
Date of print: 25/1/2023

Page: 8 of 8
Language: en-GB,IE

Further regulations, limitations and legal requirements:

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: 2.24

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Further information

Wording of the H-phrases under paragraph 2 and 3:

H226 = Flammable liquid and vapour.
H317 = May cause an allergic skin reaction.
H318 = Causes serious eye damage.
H332 = Harmful if inhaled.
H371 = May cause damage to organs.
H373 = May cause damage to organs through prolonged or repeated exposure.
H411 = Toxic to aquatic life with long lasting effects.
EUH208 = Contains Diocetylbis(pentane-2,4-dionato-O,O')tin and N-(3-(Trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

Abbreviations and acronyms:

Acute Tox.: Acute toxicity
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
Aquatic Chronic: Hazardous to the aquatic environment - chronic
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EC50: Effective Concentration 50%
EN: European Standard
EQ: Excepted quantities
EU: European Union
Eye Dam.: Eye damage
Flam. Liq.: Flammable liquid
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
LC50: Median lethal concentration
LD50: Lethal dose 50%
LEL: Lower Explosion Limit
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
NOEC: No Observed Effect Concentration
OECD: Organisation for Economic Co-operation and Development
OEL: Occupational Exposure Limit Value
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
Skin Sens.: Skin sensitisation
STOT RE: Specific target organ toxicity - repeated exposure
STOT SE: Specific target organ toxicity - single exposure
TLV: Threshold Limit Value
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

Reason of change: General revision
Date of first version: 29/1/2020

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Most recent product information is available at:
<http://sumdat.net/vf316n3t>

