

Tylovis PVA 18

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue:18/01/2018 Revision date:18/01/2018 Version: 1.0

SDS No: 10896-0335



SE Tylose GmbH & Co. KG

SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product form : Substance
Substance name : Tylovis PVA 18
Product code : (SETYL_00001)

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Rheological Additive
Chemical for use in construction
Thickener
Restrictions on use : No additional information available

1.4. Supplier's details

Distributor

SE Tylose GmbH & CO. KG
Rheingastr. 190 - 196
65203 Wiesbaden - Germany
T + 49 611 962 6309
product.safety@setylose.com - www.setylose.com

Importer

Admil Adhesives
80-84 Peters Avenue
Mulgrave, VIC, 3170 - Australia
T Business Hours (03) 8544 6200
support@silicone.com.au

Informing department

Customer Service / Sales
T +49 611 962 6325
reiner.posprich@setylose.com

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.5. Emergency phone number

Emergency number : Emergency CONTACT Australia (24-Hour-Number): Infotrac/GBK GmbH +61-280735031
Customer ID: 102867

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Not classified

2.2. Label elements

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification : Dust may form explosive mixture in air.

SECTION 3: Composition/information on ingredients

Comments : A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006.

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Polyvinyl alcohol ()	25213-24-5	>= 95	Not classified
Methanol ()	67-56-1	1 - 5	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT SE 1, H370

Comments : When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

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First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects : Warning - substance not yet tested completely.
Symptoms/effects after skin contact : May cause sensitisation of susceptible persons by skin contact.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Sand. Alcohol resistant foam. Chemical powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

General measures : Avoid dust formation. Do not breathe dust. Forms slippery surfaces with water.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid dust formation. Do not breathe dust. Forms slippery surfaces with water.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Shovel or sweep up and put in a closed container for disposal. Avoid dust formation.

SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid dust formation. Dust may form explosive mixture in air. Keep away from sources of ignition - No smoking.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Material is hygroscopic. Protect from atmospheric moisture and water.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

Tylovis PVA 18		
Australia	Obey TLV for common dust, if applicable	
Methanol (67-56-1)		
Australia	Local name	Methyl alcohol (Methanol)
Australia	TWA (mg/m ³)	262 mg/m ³
Australia	TWA (ppm)	200 ppm
Australia	STEL (mg/m ³)	328 mg/m ³
Australia	STEL (ppm)	250 ppm
Australia	Remark (AU)	Sk - Absorption through the skin may be a significant source of exposure.
Australia	OEL chemical category (AU)	Skin notation
Australia	OEL chemical category (AU)	Skin notation

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Exposure limit values for the other components

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

Hand protection : Not required for normal conditions of use. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

Eye protection : Not required for normal conditions of use

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Breathing apparatus with filter	Type P3	Short term exposure	

Environmental exposure controls : Avoid release to the environment.

Other information : Do not eat, drink or smoke when using this product. Wash hands immediately after handling the product.

SECTION 9: Physical and chemical properties

Physical state : Solid
Appearance : Powder
Colour : yellowish
Odour : Odourless
Odour threshold : No data available
pH : 5
Relative evaporation rate (butylacetate=1) : No data available
Melting point / Freezing point : Melting point : 150 - 230 °C
Boiling point : Not specifically applicable
Flash point : > 70 °C
Auto-ignition temperature : 440 °C
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative density : No data available
Density : Density : 1.19 - 1.31 g/cm³ @ 20 °C
Solubility : Soluble.
Log Pow : < 0
Explosive properties : Product is not explosive. Dust may form explosive mixture in air.
Explosive limits : No data available
Minimum ignition energy : > 15 mJ
Fat solubility : No data available
Combustion class : 5
Smoulder temperature : -
Dust explosion category : ST1
p_{max} : -
K_{St} : -

SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport. The product is non-reactive under normal conditions of use, storage and transport
Chemical stability : Stable under normal conditions.

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Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: Strong oxidizing agent.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Acute toxicity	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Tylovis PVA 18	
LD50 oral rat	> 2000 mg/kg (OECD 401 method)

Skin corrosion/irritation	: Not classified pH: 5
Serious eye damage/irritation	: Not classified pH: 5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified (Specific concentration limits)
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
Other information	: Do not release undiluted or in higher quantities into the groundwater, sewerage or waters.

Tylovis PVA 18	
LC50 fish 1	> 5000 mg/kg (OECD 203 method)
EC50 other aquatic organisms 1	> 8000 mg/l (OECD 209 method)
Log Pow	< 0

Methanol (67-56-1)	
LC50 fish 1	15400 mg/l
EC50 Daphnia 1	1340 mg/l
BCF fish 1	< 10
Log Pow	-0.77

12.2. Persistence and degradability

Tylovis PVA 18	
Persistence and degradability	Biodegradable.
Chemical oxygen demand (COD)	> 1600 mg/g

Methanol (67-56-1)	
Not rapidly degradable	

Polyvinyl alcohol (25213-24-5)	
Not rapidly degradable	

12.3. Bioaccumulative potential

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Log Pow	See section 12.1 on ecotoxicology

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Bioaccumulative potential	Not potentially bioaccumulable.

Methanol (67-56-1)	
BCF fish 1	See section 12.1 on ecotoxicology
Log Pow	See section 12.1 on ecotoxicology

12.4. Mobility in soil

Methanol (67-56-1)	
Log Pow	See section 12.1 on ecotoxicology

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

Tylovis PVA 18	
Fluorinated greenhouse gases	False

Methanol (67-56-1)	
Fluorinated greenhouse gases	False

Polyvinyl alcohol (25213-24-5)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

ADG	IMDG	IATA
14.2. UN proper shipping name		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
	Marine pollutant : No	

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

14.8. Hazchem or Emergency Action Code

Hazchemcode : Not applicable

SECTION 15: Regulatory information

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

Other information on relevant regulations : All components of this mixture are listed on or exempted from AICS

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

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Full text of H-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
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Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 1	Specific target organ toxicity — Single exposure, Category 1
H225	Highly flammable liquid and vapour
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H370	Causes damage to organs.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.