Tylose H 20 P2

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue:17/01/2018 Revision date:14/06/2019 Supersedes:17/01/2018 Version: 5.1

SDS No: 10896-0056

SE Tylose GmbH & Co. KG

SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product form : Substance

Substance name : Tylose H 20 P2

Product code : HEC

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
Special applications
Coating material
Chemical for use in construction

Restrictions on use : There is no information available on applications that are not advised

1.4. Supplier's details

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

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

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

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)
Cellulose, 2-hydroxyethyl ether ()	9004-62-0	> 89	Not classified

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. Call a doctor.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse immediately with plenty of water, also under the eyelids. Consult an ophthalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth. If symptoms persist, call a physician.

4.2. Symptoms caused by exposure

Symptoms/effects after skin contact : May cause sensitisation of susceptible persons by skin contact.

Symptoms/effects after eye contact : May cause eye irritation.

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. Water spray.

Unsuitable extinguishing media : No data available.

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 : Self-contained breathing apparatus.

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 : Wear recommended personal protective equipment.

6.2. Environmental precautions

Large amounts of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

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 : Material is hygroscopic. Protect from atmospheric moisture and water.

Information on mixed storage : No special storage requirements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

Tylose H 20 P2	
Australia	Obey TLV for common dust, if applicable

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. Avoid dust formation.

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 P1	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. Do not breathe dust.

SECTION 9: Physical and chemical properties

Physical state : Solid

Appearance : Powder

Colour : whitish

Odour : Odourless

Odour threshold : No data available

pH : 5.5 - 8 10g/l

Relative evaporation rate (butylacetate=1) : Not specifically applicable

Melting point / Freezing point : Melting point : Not specifically applicable
Freezing point : Not specifically applicable

Boiling point : Not specifically applicable

Flash point : Not specifically applicable

Auto-ignition temperature : > 120 °C

Decomposition temperature : Not specifically applicable

Flammability (solid, gas) : No data available

Vapour pressure : Vapour pressure : Not specifically applicable

Relative density : Relative vapour density at 20 °C : Not specifically applicable

Density : Density : 1.1 - 1.5 g/cm³ 20 °C
Relative density : Not specifically applicable

Solubility : Water: > 10 g/l @ 20°C

Log Pow : < 0

Viscosity, dynamic : Not specifically applicable

Explosive properties : Product is not explosive. Dust may form explosive mixture in air.

Explosive limits : No data available

Minimum ignition energy : > 10 mJ

Fat solubility : No data available

Conbustion class : 5

Smoulder temperature : 280 °C

pmax : 10 bar

Dust explosion category : ST1

KSt : < 200 bar*m/s

Ignition temperature : > 460 °C

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.

Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.

Conditions to avoid : No decomposition if stored normally.

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

Tylose H 20 P2	
LD50 oral rat	> 2000 mg/kg (OECD 401 method)

Skin corrosion/irritation : Not classified
pH: 5.5 - 8 10g/l
Serious eye damage/irritation : Not classified
pH: 5.5 - 8 10g/l
Respiratory or skin 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
Aspiration hazard : Not classified
Other information : 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 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.

Tylose H 20 P2	
LC50 fish 1	> 500 mg/l (OECD 203 method)
EC50 other aquatic organisms 1	> 1000 mg/l (OECD 209 method)
Log Pow	< 0

12.2. Persistence and degradability

Tylose H 20 P2	
Persistence and degradability	Product is biodegradable. Does not affect the functioning of waste-water treatment plants. In case of loss of large quantities, advice local authorities.
Chemical oxygen demand (COD)	< 1500 mg/g

12.3. Bioaccumulative potential

Tylose H 20 P2	
Log Pow	See section 12.1 on ecotoxicology
Bioaccumulative potential	Not potentially bioaccumulable.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

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

Tylose H 20 P2	
Fluorinated greenhouse gases	False

Cellulose, 2-hydroxyethyl ether (9004-62-0)	
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

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
DOT	Department of Transport
TDG	Transportation of Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
IARC	International Agency for Research on Cancer
vPvB	Very Persistent and Very Bioaccumulative
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
CAS	CAS (Chemical Abstracts Service) number
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
BCF	Bioconcentration factor
MARPOL 73/78	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships

ADG	Transport of Australian Dangerous Goods

Revision date : 14/06/2019

Other information : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

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.