# according to Regulation (EC) No. 1907/2006 (REACH) according to Regulation (EU) 2015/830

Article No.: 160538 Wolfin GWSK, all colours and thickness

Print date: 20.05.2021 Revision date: 18.05.2021 Version: 1.11 Issue date: 18.05.2021



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

## 1.1. Product identifier

Article No. (manufacturer/supplier) 160538

Trade name/designation Wolfin GWSK, all colours and thickness Art.No. 160538 / 160540 / 160541 / 160534

100505 /400500

ΕN

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

Relevant identified uses

PVC membrane

Uses advised against

Do not use for products which come into contact with food stuffs.

1.3. Details of the supplier of the safety data sheet

manufacturer

BMI Flachdach GmbH

Geisfelder Straße 85-91 Telephone: +49 (0)6053 708 5141 96050 Bamberg - Germany Telefax: +49 (0)6053 708-5130

E-mail: service.wolfin.de@bmigroup.com

Department responsible for information:

Dr. Thomas Leinhos +49 (0)171 585 58 01

1.4. Emergency telephone number

Emergency telephone number +49 (0)6131 19240 (Poison Information Center

Mainz)

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

## Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## 2.2. Label elements

## Labelling according to Regulation (EC) No. 1272/2008 [CLP]

**Hazard pictograms** 

**Hazard statements** 

not determined

**Precautionary statements** 

not determined

Hazard components for labelling

not determined

Supplemental hazard information

not determined

2.3. Other hazards

No information available.

# **SECTION 3: Composition / information on ingredients**

## 3.2. Mixtures

**Description** PVC-membrane

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No. REACH No. CAS No. Designation

Index No. classification: // Remark

weight-%

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not determined

#### **Additional information**

Full text of H-phrases: see section 16.

## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

No risks worthy of mention. Hazards may arise from excipients and processing. Take care for the labels and safety data sheets of the chemicals to be used. General information:

#### General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

#### In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

#### Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

#### After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

#### Following ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

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

First Aid, decontamination, treatment of symptoms.

## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

#### Unsuitable extinguishing media

strong water jet

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

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

## 5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

## **SECTION 6: Accidental release measures**

#### No risks worthy of mention.

## . Personal precautions, protective equipment and emergency procedures

No risks worthy of mention. Please observe the information on the safety data sheet at all times. Hazards may arise from excipients and processing. Take care for the labels and safety data sheets of the chemicals to be used.

## 6.2. Environmental precautions

No special environmental measures are necessary.

#### 6.3. Methods and material for containment and cleaning up

No special measures are necessary.

#### 6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

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## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

No special handling advices are necessary.

#### Advices on safe handling

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8.

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

## Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO).

#### Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

#### 7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

## Occupational exposure limit values:

not determined

#### 8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction.

## Personal protection equipment

## Respiratory protection

Not applicable.

#### Hand protection

No special measures are necessary. Hazards may arise from excipients and processing. Take care for the labels and safety data sheets of the chemicals to be used.

#### Eye/face protection

No special measures are necessary. Hazards may arise from excipients and processing. Take care for the labels and safety data sheets of the chemicals to be used.

#### **Body protection**

Wear suitable protective clothing and gloves.

#### **Protective measures**

No special measures are necessary. Hazards may arise from excipients and processing. Take care for the labels and safety data sheets of the chemicals to be used.

#### **Environmental exposure controls**

No special measures are necessary. See section 7. No additional measures necessary.

## **SECTION 9: Physical and chemical properties**

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

Appearance:

Physical state: solid Colour: black

Odour: characteristic
Odour threshold: not applicable
pH at 20 °C: not applicable

Method: literature value

Melting point/freezing point:

Initial boiling point and boiling range:

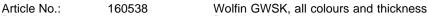
Flash point:

not determined
not applicable

Method: literature value

Evaporation rate: not applicable

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flammability

**Burning time:** not applicable

Upper/lower flammability or explosive limits:

Lower explosion limit: not applicable not relevant **Upper explosion limit:** not applicable Vapour pressure at 20 °C: Vapour density: not applicable

Relative density:

Density at 21 °C: 1,200 q/cm<sup>3</sup>

Method: literature value

Solubility(ies):

Water solubility at 20 °C: insoluble Partition coefficient: n-octanol/water: see section 12

**Auto-ignition temperature:** 350 °C

Method: literature value

**Decomposition temperature:** not determined

Viscosity at °C: solid

**Explosive properties:** not applicable **Oxidising properties:** not applicable

9.2. Other information

> Solid content: 100 weight-%

solvent content:

0 weight-% Organic solvents: 0 weight-% Water:

< 3 weight-% (ADR/RID) Solvent separation test:

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

No known hazardous reactions.

#### 10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

#### 10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

## 10.4. Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

#### 10.5. Incompatible materials

Keep away from: Oxidising agent.

## 10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides. The product is stable under storage at normal ambient temperatures.

## **SECTION 11: Toxicological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

## 11.1. Information on toxicological effects

## **Acute toxicity**

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation; Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

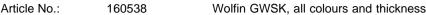
## Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.



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Based on available data, the classification criteria are not met.

## STOT-single exposure; STOT-repeated exposure

Based on available data, the classification criteria are not met.

## Aspiration hazard

Based on available data, the classification criteria are not met.

## Practical experience/human evidence

#### **Overall Assessment on CMR properties**

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

BMI WOL

## **SECTION 12: Ecological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

Do not allow to enter into surface water or drains.

## 12.1. Toxicity

Based on available data, the classification criteria are not met.

#### Long-term Ecotoxicity

Toxicological data are not available.

## 12.2. Persistence and degradability

Toxicological data are not available.

## 12.3. Bioaccumulative potential

Toxicological data are not available.

## **Bioconcentration factor (BCF)**

Toxicological data are not available.

## 12.4. Mobility in soil

Toxicological data are not available.

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## 12.6. Other adverse effects

No information available.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

#### Appropriate disposal / Product

## Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

## List of proposed waste codes/waste designations in accordance with EWC

170203 plastic

## Appropriate disposal / Package

## Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

#### **SECTION 14: Transport information**

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of this transport regulation.

## 14.1. UN number

not determined

## 14.2. UN proper shipping name

## 14.3. Transport hazard class(es)

not determined

## 14.4. Packing group

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14.5. Environmental hazards

Land transport (ADR/RID) not determined

Marine pollutant not determined

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

not determined

Advices on safe handling: see parts 6 - 8

**Further information** 

Land transport (ADR/RID)

tunnel restriction code

Sea transport (IMDG)

EmS-No. not determined

Air transport (ICAO-TI / IATA-DGR)

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

## **SECTION 15: Regulatory information**

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

#### **EU** legislation

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]

VOC-value (in g/L): 0,000

**National regulations** 

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## **SECTION 16: Other information**

#### Full text of classification in section 3

## Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

OEL Occupational Exposure Limit Value

BLV Biological Limit Value CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging CMR Carcinogenic, Mutagenic and Reprotoxic

DIN German Institute for Standardization / German industrial standard

DNEL Derived No-Effect Level

EAKV European Waste Catalogue Directive

EC Effective Concentration
EC European Community
EN European Standard

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 ICAO-TI International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous

Goods by Air

IMDG Code International Maritime Code for Dangerous Goods ISO International Organization for Standardization

LC Lethal Concentration

LD Lethal Dose

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MARPOL Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

OECD Organisation for Economic Cooperation and Development

PBT persistent, bioaccumulative, toxic
PNEC Predicted No Effect Concentration

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Regulations concerning the International Carriage of Dangerous Goods by Rail

UN United Nations

VOC Volatile Organic Compounds

vPvB very persistent and very bioaccumulative

#### **Further information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.