

1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name: PREMIUM SEAL AIO

Material code: 48400-20/1

Application of the substance / the preparation Tyre sealant

Manufacturer/Supplier:

Premium Vertriebs GmbH
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D-74354 Besigheim
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Further information obtainable from:

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Information in case of emergency: +49(0)151-14965867

2 Hazards identification

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

Description: preparation

Dangerous components:

CAS-No.	Description	R-phrases	
CAS: 57-55-6	propane-1,2-diol		50-100%
EINECS: 200-338-0			
CAS: 56-81-5	glycerol		0-10%
EINECS: 200-289-5			
CAS: 61790-53-2	Diatomaceous earth (Silica-Amorphous)		< 2.5%

4 First-aid measures

General information: Remove contaminated clothing

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Rinse out mouth and then drink plenty of water.

5 Fire-fighting measures

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment:

Wear self-contained respiratory protective device.

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Wear fully protective suit.

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6 Accidental release measures**Person-related safety precautions:** Wear protective clothing.**Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.**Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage**Handling:****Information for safe handling:** No special measures required.**Information about fire - and explosion protection:** No special measures required.**Storage:****Information about storage in one common storage facility:** Store away from foodstuffs.**Further information about storage conditions:** None.**Storage class:** 12 (VCI, 1998)**8 Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**Ingredients with limit values that require monitoring at the workplace:****57-55-6 propane-1,2-diol**WEL Long-term value: 474* 10** mg/m³, 150* ppm

*total vapour and particulates **particulates

56-81-5 glycerolWEL Long-term value: 10 mg/m³**61790-53-2 Diatomaceous earth (Silica-Amorphous)**WEL Long-term value: 1.2 mg/m³

respirable dust

Personal protective equipment:**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Protection of hands:

Protective gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of glovesRecommended thickness of the material: ≥ 0.11 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has

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therefore to be checked prior to the application.

Penetration time of glove material

Value for the permeation: Level \geq 8 h

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:


Safety glasses

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment

water (76/464/EEC): not listed

air (1999/30/EC): not listed

9 Physical and chemical properties

General Information

Form: Suspension
Colour: Yellow
Odour: Characteristic

Change in condition

Melting point/Melting range: Undetermined.

Flash point: > 100°C (DIN 51758)

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density at 20°C: 1.068 g/cm³ (DIN ISO 787 T10)

Solubility in / Miscibility with water at 20°C: 92.2 %

pH-value at 20°C: 7 (DIN 53785)

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Acute toxicity:
57-55-6 propane-1,2-diol

Oral LD₅₀ 2000 mg/kg (rat OECD 401)

LD₅₀/28d 20800 mg/kg (rabbit)

Primary irritant effect:

on the skin: None.

on the eye: None.

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Additional toxicological information:

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

12 Ecological information**Additional ecological information:****AOX-indication:**

The product doesn't contain organically bound halogen as per formulation. It will not increase the AOX value when discharged from treatment plant or into neutral waters.

According to the formulation contains the following heavy metals and compounds from the EU guideline NO. 76/464 EC:

None.

13 Disposal considerations**Product:**

Recommendation Disposal must be made according to official regulations.

Uncleaned packaging:

Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information**Land transport ADR/RID (cross-border)**

ADR/RID class: -

Inland shipping ADN:

ADN/R Class: -

Maritime transport IMDG:

IMDG Class: -

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

Transport/Additional information: Not dangerous according to the above specifications.

15 Regulatory information**Labelling according to EU guidelines:**

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

Observe the general safety regulations when handling chemicals.

Special labelling of certain preparations:

Safety data sheet available for professional user on request.

National regulations:

Breakdown regulations: Directive 96/82/EC: not listed

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information

Contact: Eduard Hartl

Sources GESTIS-substances data base (BIA)