

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Probau Polymer Kleb + Dicht
Revision date : 07.07.2016
Print date : 12.06.2017

Version (Revision) : 5.0.0 (4.1.0)

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

1.1 Product identifier

Probau Polymer Kleb + Dicht

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

Relevant identified uses

Dichtstoff auf Basis silan-modifizierter Polymere

Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

quick-mix Gruppe GmbH & Co. KG

Street : Mühleneschweg 6

Postal code/city : D-49090 Osnabrück

Telephone : +49 541-601601

Telefax : +49 541-601853

Information contact : eMail: info@quick-mix.de

1.4 Emergency telephone number

+49 551-19240 GIZ Nord

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

None

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

None

2.2 Label elements

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

Precautionary statements

P102 Keep out of reach of children.

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

2.3 Other hazards

None

2.4 Additional information

The product hydrolyses quickly in the presence of water to: Ethanol Ethanol ist leichtentzündlich.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

TRIMETHOXYVINYLSILAN ; EC No. : 220-449-8; CAS No. : 2768-02-7

Weight fraction : $\geq 1 - < 5 \%$

Classification 67/548/EEC : R10 Xn ; R20

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Acute Tox. 4 ; H332

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Additional information

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated, saturated clothing immediately. When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Take the casualty into the fresh air and keep warm.

In case of skin contact

Remove product mechanically with cloth or paper Wash immediately with: Water and soap Do not wash with: Solvents/Thinner In case of continuous skin irritation consult doctor.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Wash your mouth thoroughly and drink plenty of water afterwards. Do not induce vomiting - call a physician.

4.2 Most important symptoms and effects, both acute and delayed

No known symptoms to date.

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

Water spray jet Extinguishing powder alcohol resistant foam Carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogenous gases.

5.3 Advice for firefighters

Do not allow run-off from fire-fighting to enter drains or water courses.

Special protective equipment for firefighters

Self-contained respirator (breathing apparatus) (DIN EN 133)

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal precautions

Avoid contact with skin and eyes. Do not inhale the vapour. Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Take up mechanically, placing in appropriate containers for disposal.

6.3 Methods and material for containment and cleaning up

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For cleaning up

Do not rinse down with water. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Clean contaminated objects and areas thoroughly observing environmental regulations.

Other information

Remove all sources of ignition.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep away from sources of ignition. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Provide adequate ventilation.

Technical measures and storage conditions

Take precautionary measures against static discharges.

Requirements for storage rooms and vessels

Do not store in corridors and stairways. Keep/Store only in original container.

Hints on joint storage

Keep away from incompatible substances (no. 10).

Storage class : 12

Storage class (TRGS 510) : 12

Materials to avoid

Vapours can form explosive mixtures with air. Ethanol ist leichtentzündlich.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection

Use tightly fitting safety glasses.

Skin protection

Hand protection

Suitable gloves type : FKM (fluoro rubber)

Required properties : For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Body protection

Suitable protective clothing : Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

Breathing filter in case of higher concentrations. ABEK-P1

General health and safety measures

Avoid contact with skin and eyes. Do not inhale the vapour. Do not eat or drink during work - no smoking.

SECTION 9: Physical and chemical properties

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9.1 Information on basic physical and chemical properties

Appearance

Pasty.

Colour : Depending on color.

Odour

Pungent characteristics.

Safety relevant basis data

Melting point/melting range :	No data available
Initial boiling point and boiling range : (1013 hPa)	none
Decomposition temperature :	No data available
Flash point :	none
Lower explosion limit :	No data available
Upper explosion limit :	No data available
Vapour pressure : (50 °C)	none
Density : (20 °C)	1 g/cm ³
Solvent separation test : (20 °C)	none
Water solubility : (20 °C)	No data available
pH :	8,5
log P O/W :	No data available
Flow time : (20 °C)	none
Cinematic viscosity : (40 °C)	not relevant
Relative vapour density : (20 °C)	No data available
Vapourisation rate :	No data available
Flammable gases :	No data available.

DIN-cup 4 mm

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

The product hydrolyses quickly in the presence of water to:

10.4 Conditions to avoid

Avoid moisture.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

The product hydrolyses quickly in the presence of water to: Ethanol
Readings have shown that a small amount of formaldehyde is split off at temperatures in excess of 150°C through oxidative reduction.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

The product was not tested. With correct application no health hazards are known.

Irritant and corrosive effects

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Primary irritation to the skin

Beurteilung in Analogie zu einem geprüften ähnlichen Produkt: Bei Hautkontakt nicht reizend. (H315 entfällt.)

Irritation to eyes

Practical experience/human evidence

Beurteilung in Analogie zu einem geprüften ähnlichen Produkt: Bei Augenkontakt nicht reizend. (H318 entfällt.)

11.4 Other adverse effects

Hydrolysis product(s): Produkt spaltet unter Einfluss von Feuchtigkeit eine geringe Menge Ethanol (64-17-5) ab. Diese reizt Haut und Schleimhäute.

Organic solution(s): According to reports aliphatics only irritate the skin and mucous membranes slightly, having a drying, anaesthetic effect. Pneumonia is possible in the case of direct effect on the lungs (i.e. through inhalation).

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Silicone component: not bio-degradable. According to knowledge so far, no fish toxicity can be expected. According to present knowledge no negative effects can be expected in sewerage systems.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

The product has not been tested. Due to the consistency and to the low water dilutability the product may probably not be biodegradable.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

080410

Waste name

Waste adhesives and sealants other than mentioned in 080409.

Waste code packaging

150102

Waste name

plastic packaging

Waste treatment options

Appropriate disposal / Package

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

SECTION 14: Transport information

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14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

15.2 Chemical Safety Assessment

We have no chemical safety assessment for the critical components of this formulation.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 03. Hazardous ingredients

16.2 Abbreviations and acronyms

EWG - Europäische Wirtschaftsgemeinschaft; EG - Europäische Gemeinschaft; CLP- Regulation on Classification, Labelling and Packaging of Substances and Mixtures; TRGS - Technische Regeln für Gefahrstoffe; PBT - persistenter bioakkumulierbarer und toxischer Stoff; vPvB - very persistent very bioaccumulative; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; UN - United Nations CLP- Regulation on Classification, Labelling and Packaging of Substances and Mixtures; VOC - Flüchtige organische Verbindung WGK - Wassergefährdungsklasse VwVwS - Verwaltungsvorschrift wassergefährdende Stoffe

16.3 Key literature references and sources for data

Sources: <http://www.gisbau.de> <http://www.baua.de>

16.4 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Special provisions concerning the labelling of certain mixtures

101

Safety data sheet available for professional user on request.

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

10 Flammable.

20 Harmful by inhalation.

16.6 Training advice

None

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16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
