

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 as amended by Regulation (EC) No.453 / 2010 - n° 2020/878)

SECTION 1 : PRODUCT IDENTIFICATION AND COMPANY

1.1. Product identifier

Product name: PRB RENDER BEAD ADHESIVE

Product code: PRBRBADH290

1.2. Relevant identified uses of the substance

Adhesive

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

No uses advised against known

1.4. Details of the supplier of the safety data sheet

Registered company name: PRB SYSTEMS LTD.

Address: MONTIS COURT, BOUNCERS LANE, CHELTENHAM. GL52 5JW.

Telephone: 01242 524228

info@prbsystems.co.uk

UK Importer: PRB SYSTEMS Ltd

Montis Court, Bouncers Lane, Cheltenham, GL52 5JG

www.prbsystems.co.uk

Contact 01242 524228

1.5. Emergency telephone number: +44 (0)7891 460532

Association/Organisation: PRB SYSTEMS LTD.

Other emergency numbers: +44 (0)7891 460532

UK 24 Hour Emergency Telephone Number: +32 14 58 45 45 (BIG) - (Telephone advice: English, French, German, Dutch)

Association/Organisation: N/A

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Product Classification

In compliance with EC regulation No. 1272/2008 and its amendments.

Product is not classified as hazardous for humans and environment.

2.2. Other hazards

In compliance with EC regulation No. 1272/2008 and its amendments.

Not classified as dangerous.

2.3. Other hazards

In compliance with EC regulation No. 1272/2008 and its amendments.

No other hazards known.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Other hazards

Not applicable.

3.2. Other hazards

This mixture does not contain any notifiable substances.

SECTION 4 : FIRST AID MEASURES

4.1. Description of first aid measures

General:

No special measures are required. If you feel unwell, seek medical advice.

After inhalation:

Remove the affected person into fresh air. Respiratory problems: Consult a doctor / medical service

4.2. In the event of contact with eyes

Wash with flowing water for some minutes, keeping eyes well open. If irritation persists, seek medical attention. In the event of an allergic reaction, seek medical attention.

4.3. In the event of contact with skin

PRB RENDER BEAD ADHESIVE is not irritating to the skin. If an irritation occurs, wash first with water and then with soap and water. If irritation persists, seek medical attention. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

4.4. Ingestion

Clean the oral cavity. Rinse mouth with water. Consult a doctor / medical service if you feel unwell.

4.5. Most important symptoms and effects, both acute and delayed

4.5.1 Acute symptoms

After inhalation:

No effects known.

After skin contact:

No effects known.

After eye contact:

No effects known.

After ingestion:

No effects known.

4.5.2 Delayed symptoms

No effects known.

4.6. Indications of any immediate medical attention and special treatment needed

If applicable and available, it will be listed below.

SECTION 5 : FIREFIGHTING MEASURES

5.1 Extinguishing media

The substance itself is not flammable. Other surrounding packaging materials could be flammable. Adapt the fire fighting measures depending on the fire risk of the surrounding combustible material.

5.1.1 Suitable extinguishing media:

Adapt extinguishing media to the environment.

5.1.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known.

5.2 Special hazards arising from the substance or mixture

Upon combustion: CO and CO₂ are formed.

5.3 Advice for firefighters

5.3.1 Instructions:

No specific fire-fighting instructions required.

5.3.2 Special protective equipment for fire-fighters:

Gloves. Safety glasses. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Gloves. Safety glasses. Protective clothing

6.2. Environmental precautions

Prevent any material from entering drains or waterways. Contain released substance, pump into suitable containers. Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for cleaning and recycling systems

Take up liquid spill into inert absorbent material. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. Dispose safely into suitable waste containers according to local rules.

6.4. Environmental precautions

See heading 13.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the product is handled. Individuals with a history of skin sensitisation should wear suitable protective clothing.

7.1. Precautions for safe handling

Observe normal hygiene standards. Keep container tightly closed.

7.2. Warehousing conditions, conditions for safe storage

Store in covered area with undamaged packaging. If possible, on racking.

7.2.1 Safe storage requirements:

Keep container in a well-ventilated place. Store at room temperature. Keep only in the original container. Meet the legal requirements. Max. storage time: 1 year(s).

7.2.2 Keep away from:

No data available.

7.2.3 Suitable packaging material:

Synthetic material.

7.2.4 Non suitable packaging material:

No data available.

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameter

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

If applicable and available it will be listed below.

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 DNEL/PNEC values

If applicable and available it will be listed below.

8.1.5 Control parameters

If applicable and available it will be listed below.

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

Breathing protection:

Respiratory protection not required in normal conditions

Eye protection:

If necessary, use safety glasses with side protection.

Prescription glasses are not considered as protection.

Provide eyewash stations in facilities where the product is handled constantly.

Skin protection:

Use protective rubber gloves and overalls following EU Norm 89/89/CEE and EN374.

Gloves must be selected according to the application, suitability and duration of use at the workstation.

Wear suitable protective clothing.

These clothes shall be chosen to ensure there is no inflammation or irritation of the skin at the neck and wrist by contact with the powder. Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

8.3. Specific hygiene measures

Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

SECTION 9 : PHYSICAL & CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties Physical state

Physical form	Viscous
Odour	Characteristic odour
Odour threshold	No data available
Colour	White
Particle size	Not applicable (liquid)
Explosion limits	Not applicable
Flammability	Non combustible
Log Kow	Not applicable (mixture)
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Relative vapour density No data available	No data available
Vapour pressure No data available	No data available
Solubility No data available	No data available
Relative density	1.4 ; 20 °C
Decomposition temperature No data available	No data available
Auto-ignition temperature Not applicable	Not applicable
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	No data available

9.2. Other information

Absolute density	1400 kg/m ³ ; 20°C.
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SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reactions are known if stored and handled as prescribed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Upon combustion: CO and CO₂ are formed.

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. General information on toxicology effects

11.1.1 Test results

Acute toxicity

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No (test)data on the mixture available

Judgement is based on the relevant ingredients

Conclusion

Not classified for acute toxicity

Corrosion/irritation

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No (test)data on the mixture available

Judgement is based on the relevant ingredients

Conclusion

Not classified for acute toxicity

Not classified as irritating to the eyes

Not classified as irritating to the respiratory system

Respiratory or skin sensitisation

Render Bead Adhesive

No (test)data on the mixture available

Judgement is based on the relevant ingredients

Conclusion

Not classified as sensitizing for inhalation

Not classified as sensitizing for skin

Specific target organ toxicity

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No (test)data on the mixture available

Judgement is based on the relevant ingredients

Conclusion

Not classified for sub chronic toxicity

Mutagenicity (in vitro)

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No (test)data on the mixture available

Mutagenicity (in vivo)

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No (test)data on the mixture available

Carcinogenicity

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No (test)data on the mixture available

Reproductive toxicity

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No (test)data on the mixture available

Judgement is based on the relevant ingredients

Conclusion CMR

Not classified for carcinogenicity

Not classified for mutagenic or genotoxic toxicity

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

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No (test)data on the mixture available

Chronic effects from short and long-term exposure

Render Bead Adhesive

No effects known.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

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No (test)data on the mixture available

Judgement of the mixture is based on the relevant ingredients

Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2. Persistence and degradability

Biodegradability in water: no data available

12.3. Bioaccumulative potential

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Log Kow

Not applicable (mixture)

Conclusion

No bioaccumulation data available

12.4. Mobility in soil

No (test)data on mobility of the components available

12.5. Results of PBT and vPvB assessment

Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

12.6. Other adverse effects

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Global warming potential (GWP)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EC) No 517/2014).

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009).

SECTION 13 : DISPOSAL CONSIDERATIONS

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

08 04 10 (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants other than those mentioned in 08 04 09). Depending on branch of industry and production process, also other waste codes may be applicable. Can be considered as non-hazardous waste according to Regulation (EU) No 1357/2014.

13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Remove to an authorized waste treatment plant.

13.1.3 Packaging/Container

Waste material code packaging (Directive 2008/98/EC).

15 01 02 (plastic packaging).

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

SECTION 14 : TRANSPORT INFORMATION

Not subjected to transport classification and labelling.

SECTION 15 : REGULATORY INFORMATION

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

Classification and labelling information included in section 2:

The following regulations have been used:

European legislation: VOC content Directive 2010/75/EU

VOC content: < 1 % : < 14 g/l

National legislation: The Netherlands

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Waste identification (the Netherlands)

LWCA (the Netherlands): KGA category 03.

Waterbezwaarlijkheid 11.

National legislation: Germany

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WGK 1; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4).

National legislation France

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No data available

National legislation Belgium

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No data available

Other relevant data

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No data available

15.2. Chemical safety assessment

No chemical safety assessment is required.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the product and not as a guarantee of the properties thereof.

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances.

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Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period. LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response. EC₅₀ : The effective concentration of substance that causes 50% reduction in growth rate. REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

CLP (EU-GHS) : Classification, labelling and packaging (Globally Harmonised System in Europe)

DNEL : Derived No-Effect Level.

PBT : Substances = persistent, bioaccumulative and toxic substances.

vPvB : Very persistent, very bioaccumulable

SVHC : Substances of very high concern.

PNEC : Predicted No-Effect Concentration

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages.

TMP : French Occupational Illness table TLV : Threshold Limit Value (exposure) AEV : Average Exposure Value.

VLRI : Indicative limit value.

VLRC : Indicative constraint value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association. ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail. WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS05 : Corrosion

GHS07 : Exclamation mark