SealPrem BR

1. DESCRIPTION

1.1 Product Name

SealPrem BR.

1.2 Uses

Sealant.

1.3 Supplier

Premier Sealant Systems Ltd., Phase 9, Park Farm Road, Foxhills Ind. Park, Scunthorpe, DN15 8QP
T: 01724 864 100
Emergency number: 112 or 999

2. HAZARDS IDENTIFICATION

2.1 Hazard Category

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008. Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII. The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

2.2 Risk Phases

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008. To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.3 D.G Class

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

2.4 Subsidiary Risk

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

2.5 Poison Schedule

Not listed.

3. COMPOSITION & INFORMATION ON INGREDIENTS

3.1 Substance

Not applicable.

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Butene, homopolymer	CAS-No.: 9003-29-6 EC-No.: 500-004-7	≥ 10 – < 15	Flam. Liq. 1, H224 Aquatic Chronic 2, H411
Not Applicable	EC-No.: 919-446-0	≥ 1 – < 10	Flam. Liq. 3, H226 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	CAS-No.: 13463-67-7 EC-No.: 236-675-5 EC Index-No.: 022-006-00-2	< 1	Carc. 2, H351

Full text of H- and EUH-statements: see section 16.

4. FIRST AID MEASURES

4.1 Eye Contact

In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.

4.2 Skin Contact

In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.

4.3 Inhalation

If inhaled, remove the person to fresh air. Get medical attention if symptoms appear.

4.4 Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed or you feel unwell, get medical advice immediately or call a poison center.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Water spray. Dry powder. Foam. Carbon dioxide.

5.2 Specific Hazards

The material is stable under normal conditions. Decomposition gives off carbon dioxide, carbon monoxide and other complex fumes.

5.3 Special Fire-Fighting Procedures

Do not use jet water.

5.4 Fire-Fighter

Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

6. ACCIDENTAL RELEASE MEASURES

6.1 For non-emergency personnel

Ventilate spillage area.

6.2 For emergency responders

Protective equipment – do not attempt to take action without suitable protective equipment. For further information refer to section 8: “Exposure controls/personal protection”.

6.3 Environmental

Avoid release to the environment.

6.4 Methods and material for containment and cleaning up

Methods for cleaning up	Take up liquid spill into absorbent material.
Other information	Dispose of materials or solid residues at an authorized site.

7. HANDLING & STORAGE

7.1 Precautions for safe storage

Precautions for safe handling	Ensure good ventilation of the workstation. Wear personal protective equipment.
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	Store in a well-ventilated place. Keep cool.

7.3 Specific end use(s)

No additional information available

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Control parameters:

- **National occupational exposure and biological limit values**

  No additional information available.

- **Recommended monitoring procedures**

  No additional information available.

- **Air contaminants formed**

  No additional information available.

- **DNEL and PNEC**

  No additional information available.

- **Control banding**

  No additional information available.

8.2 Exposure Controls

Ensure good ventilation of the work station.

8.3 Personal Protection

Personal protective equipment symbol(s):



Respiratory	Respirators are not required if handled and installed in line with suppliers' recommendation, however, in case of insufficient ventilation, wear suitable respiratory equipment.
Skin & Body	Wear suitable protective clothing.
Hand Protection	Use chemical resistant gloves. Recommended b butyl.
Eye and face protection	Safety glasses with side shields.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Properties

Physical state:	Liquid
Colour:	Various colours.
Appearance:	Liquid
Odour:	Not available
Odour threshold:	Not available
Melting point:	Not applicable
Freezing point:	Not available
Boiling point:	Not available
Flammability:	Not applicable
Explosive limits:	Not available
Lower explosion limit:	Not available
Upper explosion limit:	Not available
Flash point:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
pH:	Not available
Viscosity, kinematic:	Not available
Solubility:	Not available
Partition coefficient n-octanol/water (Log Kow):	Not available
Vapour pressure:	Not available
Vapour pressure at 50°C:	Not available
Density:	Not available
Relative density:	Not available
Relative vapour density at 20°C:	Not available
Particle characteristics:	Not applicable

10. STABILITY & REACTIVITY

10.1 Stability

The product is stable and non-reactive under normal conditions and use, storage and transport.

10.2 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.3 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.4 Incompatible materials

No additional information available.

10.5 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGY INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral): Not classified
Acute toxicity (dermal): Not classified
Acute toxicity (inhalation): Not classified

Butene, homopolymer (9003-29-6)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute Toxicity (Oral))
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
LC50 Inhalation rat	> 19171 mg/l air Animal: rat, Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity), Remarks on results: other:
Not Applicable	
LD50 oral rat	> 15000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LC50 Inhalation rat	> 1.58 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
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

Butene, homopolymer (9003-29-6)

LOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: other:
NOAEC (inhalation, rat, vapour, 90 days)	1 mg/l air Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
NOAEL (dermal, rat/rabbit, 90 days)	≥ 495 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

11.2 Information on other hazards:

No additional information available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute): Not classified

Hazardous to the aquatic environment, long–term (chronic): Not classified

Not rapidly degradable

Butene, homopolymer (9003-29-6)

LC50 - Fish [1]	> 1.55 mg/l Test organisms (species): Cyprinus carpio
EC50 - Crustacea [1]	> 3.1 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 19.2 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
Not Applicable	
EC50 72h - Algae [1]	0.94 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.53 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	1.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [2]	0.58 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

12.2 Persistence and degradability

No additional information available.

12.3 Bio accumulative potential

No additional information available.

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB

No additional information available.

12.6 Endocrine disrupting properties

No additional information available.

12.7 Other adverse effects

No additional information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

14. TRANSPORT INFORMATION

For road, marine and air transport this product is not classified as dangerous goods within the contract of National Transport Regulations.

UN. No.	Not allocated
Shipping Name	Not applicable
Class	Not classified as dangerous goods
Subsidiary Risk	Not classified as dangerous goods
Packaging Group	Not applicable
Hazchem Code	Not applicable
EPG	Not applicable
Segregation	Not applicable

15. REGULATORY INFORMATION

15.1 EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions).

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List).

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List.

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals).

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants).

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer).

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors).

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

15.2 National regulations

No additional information available

16. OTHER INFORMATION

16.1 Date of Preparation

08.03.2023

16.2 Date of Revision

27/10/2026

16.3 Reasons for Issue

New Information: SDS's are updated frequently. Please ensure you have the current copy. This SDS summaries at the date of issue our best knowledge of health and safety hazard information of the product, and in particular how to handle and use the product in the workplace. Since Premier Sealant Systems Ltd cannot anticipate or control the conditions under which the product may be Using each user must, prior to usage, review this SDS in the context to use and handling of the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Premier Sealant Systems Ltd. Our responsibility for the product as sold is subject to our standard terms and conditions, a copy of which is sent to our customer and is also available upon request.

16.4 Other information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Carc. 2	Carcinogenicity, Category 2
EUH210	Safety data sheet available on request.
Flam. Liq. 1	Flammable liquids, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
H224	Extremely flammable liquid and vapour.
H226	Flammable liquid and vapour.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.