



Benefits

- » Excellent bond to most substrates
- » High movement capability $\pm 25\%$
- » Weather, ageing and mould resistant
- » Highest sanitary class - XS1
- » Excellent for glazing
- » Low elastic modulus
- » Household chemistry resistant
- » Compatible for sealing surfaces in contact with food

Adhering

- » Concrete
- » Masonry
- » Bricks
- » Wood
- » Aluminium (lacquered, anodized, painted)
- » PVC
- » Glass
- » Ceramics

Product Information

Premierbond S+ White & Clear Silicone

Premierbond S+ White & Clear Silicone is a multipurpose neutral sanitary silicone designed for superior performance.

It offers low modulus, high elasticity and exceptional movement capability. When exposed to atmospheric moisture, it reacts to form a flexible rubber, ensuring long lasting durability in various conditions. Additionally, it is fortified with a potent fungicide, providing excellent mould resistance, making it perfect for use in areas that come into contact with food.

This Document Contains

- » Technical Data
- » Safety Data

Material Information

Technical Data

Base:	Oxime	Density:	1.01 g/ml
Tack Free Time:	2 -4 Minutes	Skin Forming Time:	5 - 10 Minutes
Curing Rate:	3mm/24 Hours	Loss of Volume:	< 10%
Resistance To Flow:	0mm	Application Temp:	5°C - 40°C
Service Temp:	-40°C to +140°C	Movement Capability:	±25%
Elastic Recovery:	> 85% Shore	A Hardness:	18 (Approx)
E-Modulus 100%:	0.25 N/mm ²	Tensile Strength	0.35 N/mm ²
Elongation At Break:	> 250%		

Technical classifications and certificates:

Sealant for facade for interior and exterior application, suitable for use in cold cli-

EN 15651-1:2012: Type F-INT-EXT-CC: CLASS

Sealant used for sealing glazing applications, suitable for use in cold climates

EN 15651-2:2012: Type G-CC: CLASS

Sealant used for sanitary

EN 15651-3:2012: Type S CLASS

Classified as a material intended to come into contact with food

EN 1186, Regulation (EU) 10/2011

Application instructions:

Application temperature between +5°C and +40°C. Surfaces must be clean, dry and free of any contaminants liable to impair adhesion. Non-porous surfaces should be cleaned with solvent and a lint free cloth. Excess solvent should be removed before evaporation with a clean cloth.

Cut off the threaded end of the cartridge and screw on the application nozzle for directing sealant. Cut the threaded end in a way where a suitable opening for application is produced. Place the cartridge together with the applicator in the gun and fill the installation nozzle with sealant, by repeatedly pressing the gun trigger.

Apply sealant in the joint by repeatedly and evenly pressing on gun trigger and smoothly dragging the nozzle along the joint. After application, smooth the surface with a suitable tool (e.g., spatula) and remove excess material. If necessary, the adjacent surfaces of the joint should be protected to avoid staining. Usually, masking tape is used for this. Protective masking tapes should be removed before the sealant's skin is formed.

In wider and movable joints, backer rod should be used as a back-up material, to ensure the correct thickness and shape of sealant joint and to avoid three-sided adhesion.

Technical Data

Cleaning:

Uncured sealant can be cleaned with solvents like white spirit, acetone or cleaning wipes.

Packaging:

300ml cartridge, 24 per box.

Storage and shelf life:

Guaranteed shelf life of 12 months from the date of manufacture when stored in original unopened packaging, in a dry place protected from direct sunlight at temperatures between +5°C and +30°C.

Limitations:

Do not use on bituminous surfaces or on building materials which might bleed oils, plasticisers or solvents (e.g. natural rubber, chloroprene, EPDM)

There is no adhesion to low surface energy plastics such as polyethylene, polypropylene, PTFE, Teflon,

Due to the wide range of possible substrates, we recommend a preliminary compatibility and adherence test, if necessary, prime surfaces to improve adhesion.

Due to the wide range of influences, customers should always test the product

Ensure sufficient ventilation during application and wear necessary personal protective equipment.

Ensure employees using this product have read and understood the material safety datasheet.

Material Information

Safety Data

Section 1:

Identification of the substance/mixture and of the company/undertaking

1.1 | Product Identifier

Product Name: Premierbond S+, White & Clear, and Premium Coloured Silicones

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

Recommended use: Sealant

Section 2:

Hazards identification

2.1 | Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Chronic Aquatic Toxicity	Catagory 3 - (H412)
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2.2 | Label elements

Signal word: None

GB CLP Regulation: None listed

Hazard statements: The product is not classified as hazardous according to GB CLP Regulation

Supplementary information: EUH208: Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction

Hazard statement: Non-applicable

Precautionary statements: Non-applicable

Other hazards: Product does not meet PBT/vPvB criteria

Section 3:

Composition/information on ingredients

3.1 | Substances

Not applicable

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3.2 | Mixtures

In accordance with Annex II of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020, the product contains:

Identification	Chemical Name / Classification	Concentration
CAS: 64742-55-8	Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 304 - Danger	10 - < 20%
CAS: 58190-57-1	2-Propanone, 2,2',2''-[O,O',O''-(ethylsilylydyne)trioxime] STOT RE 2: H373 - Warning	2.5 - < 5%
CAS: 1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine Eye Dam. 1: H318; Skin Sens. 1: H317 - Danger	0.1 - < 1%
CAS: 13463-41-7	Pyrithione zinc Acute Tox. 2: H330; Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Repr. 1B: H360D; STOT RE 1: H372 - Danger	0.01 - < 0.1%

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other Information:

Identification	M-Factor	
Pyrithione zinc	Acute	1000
CAS: 13463-41-7	Chronic	10

Safety Data

Section 4:

First aid measures

General advice: The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

4.1| Description of first aid measures.

Inhalation: This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at

Request medical attention if symptoms persist.

Eye contact: Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

Skin contact: This product is not classified as hazardous when in contact with the skin. However, in case of skin contact, it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary, shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction, consult a doctor. Ingestion/aspiration: Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 | Most important symptoms and effects, both acute and de-

Acute and delayed effects are indicated in sections 2 and 11.

4.3 | Indication of any immediate medical attention and special treatment needed

Non-applicable

Section 5:

Firefighting measures

5.1| Extinguishing

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers(ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media: Non-applicable.

5.2| Special hazards arising from the substance or mixture

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.



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5.3 | Advice for firefighters

Specific protective equipment and precautions for fire-fighters: Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...).

Additional provisions: Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

Section 6:

Accidental release measures

6.1 | Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders: Wear protective equipment. Keep unprotected persons away. See section

6.2 | Environmental precautions

Environmental precautions: It is recommended to avoid environmental spillage of both the product and its container.

6.3 | Methods and material for containment and clean-

It is recommended: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 | Reference to other sections:

See sections 8 and 13.

Safety Data

Section 7:

Handling and storage

7.1| Precautions for safe handling

A | General precautions for safe use: Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B | Technical recommendations for the prevention of fires and explosions: Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C | Technical recommendations on general occupational hygiene: Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D | Technical recommendations to prevent environmental risks It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 | Conditions for safe storage, including any incompatibilities

A | Technical measures for storage: Store in a cool, dry, well-ventilated location

B | General conditions for storage: Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 | Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

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Section 8:

Exposure controls/personal protection

8.1| Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

There are no applicable occupational exposure limits for the substances contained in the product

DNEL (Workers):

Identification		Systemic	Local	Systemic	Local
Distillates (petroleum), hy-drotreated light paraffinic, < 3 % IP 346	Oral	N/A	N/A	N/A	N/A
CAS: 64742-55-8	Dermal	N/A	N/A	0.97 mg/kg	N/A
EC: 265-158-7	Inhalation	N/A	N/A	2.73 mg/m ³	5.58 mg/m ³
2-Propanone, 2,2',2''-[O,O # ',O''-(ethylsilylydine)trioxime]	Oral	N/A	N/A	N/A	N/A
CAS: 58190-57-1	Dermal	N/A	N/A	0.59 mg/kg	N/A
EC: 236-671-3	Inhalation	N/A	N/A	0.419mg/m ³	N/A
Pyrrithione zinc	Oral	N/A	N/A	N/A	N/A
CAS: 13463-41-7	Dermal	N/A	N/A	0.01 mg/kg	N/A
EC: 236-671-3	Inhalation	N/A	N/A	N/A	N/A
Distillates (petroleum), hy-drotreated light paraffinic, < 3 % IP 346	Oral	N/A	N/A	0.74 mg/kg	N/A
CAS: 64742-55-8	Dermal	N/A	N/A	N/A	N/A
EC: 265-158-7	Inhalation	N/A	N/A	N/A	5.58mg/m ³
2-Propanone, 2,2',2''-[O,O # ',O''-(ethylsilylydine)trioxime]	Oral	N/A	N/A	0.03 mg/kg	N/A
CAS: 58190-57-1	Dermal	N/A	N/A	0.03 mg/kg	N/A
EC: 611-631-1	Inhalation	N/A	N/A	0.103 mg/kg	5.58mg/m ³

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PNEC:

Identification				
2-Propanone, 2,2',2''-[O,O',O''-(ethylsilylidyne)trioxime]	STP	2.398 mg/L	Fresh Water	0.24 mg/L
CAS: 58190-57-1	Soil	240.95 mg/kg	Marine Water	0.24 mg/L
EC: 611-631-1	Intermittent Oral	N/A 0.002638 g/kg	Sediment (Fresh Water) Sediment (Marine Water)	2047.053 mg/kg 204.705 mg/kg
N-(3-(trimethoxysilyl)propyl) ethylenediamine	STP	25 mg/L	Fresh Water	0.062 mg/L
CAS: 1760-24-3	Soil	0.009 mg/kg	Marine Water	0.006 mg/L
EC: 217-164-6	Intermittent Oral	0.62 gm/L N/A	Sediment (Fresh Water) Sediment (Marine Water)	0.22 mg/kg 0.022 mg/kg
Pyrrithione zinc	STP	0.01 mg/L	Fresh Water	0.00009 mg/L
CAS: 13463-41-7	Soil	1.02 mg/kg	Marine Water	0.00009 mg/L
EC: 236-671-3	Intermittent Oral	N/A N/A	Sediment (Fresh Water) Sediment (Marine Water)	0.009 mg/kg 0.009 mg/kg

8.2 Exposure Controls

Exposure controls/personal protection

8.3 | Control parameters:

A | Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<UKCA marking>> or <<CE marking>>. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B | Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

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8.3 | Control parameters:

C | Specific protection for the hands

Non-Applicable

D | Eye and Face protection

Non-Applicable

E | Body Protection

Non-Applicable

F | Addition Emergency Measures

It is not necessary to take additional emergency measures

Environmental exposure controls/personal protection:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Section 9:

Physical and chemical properties

9.1| Information on basic physical and chemical properties

Appearance	
Physical state at 20°C	Liquid
Appearance	Paste
Colour	Not available
Odour	Not available
Odour threshold	Non-applicable *
Volatility	
Boiling point at atmospheric	194°C
Physical state at 20°C	65 Pa
Vapour pressure at 50°C:	278 Pa (0.28 kPa)
Evaporation rate at 20°C:	Non-applicable *
Product Description	
Density at 20°C:	1010 kg/m ³
Relative density at 20°C:	1.01
Dynamic viscosity at 20°C:	Non-applicable *
Kinematic viscosity at 20°C:	Non-applicable *
Kinematic viscosity at 40°C:	>20.5 mm ² /s
Concentration:	Non-applicable *

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Physical and chemical properties	
pH:	Non-applicable *
Vapour density at 20°C:	Non-applicable *
Partition coefficient n-octanol/water 20°C:	Non-applicable *
Solubility in water at 20°C:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
Flammability	
Flash Point:	Non Flammable (>60°C)
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	260°C
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *
Particle character-	
Median equivalent diameter:	Non-applicable *

9.2| Other Information

Information with regard to physical hazard classes	
Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *
Other safety characteristics	
Surface tension at 20°C:	Non-applicable *
Refraction index:	Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

Section 10:

Stability and reactivity

10.1 | Reactivity

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 | Chemical stability

Chemical stable under the indicated conditions of storage, handling and use.

10.3 | Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

Safety Data

10.4 | Conditions to avoid

Applicable for handling and storage at room temperature:

Shock and friction

Not applicable

Contact with air

Not applicable

Increase in temperature

Not applicable

Sunlight

Not applicable

Humidity

Not applicable

10.5 | Incompatible materials

Acids

Avoid strong acids

Water

Not applicable

Oxidising materials

Avoid direct impact

Combustible materials

Not applicable

Others

Avoid alkalis or strong bases

10.6 | Hazardous decomposition products

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

Safety Data

Section 11:

Toxicological information

11.1 | Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A | Ingestion (acute effect):

Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.

Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

B | Inhalation (acute effect):

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C | Contact with the skin and the eyes (acute effect):

Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for skin contact. For more information see section 3.

Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D | CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.

IARC: Toluene (3); Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346 (3)

Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

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E | Sensitising effects:

Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.

Skin:

Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F | Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G | Specific target organ toxicity (STOT)-repeated exposure:

Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

Skin:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H | Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information

Not applicable

Specific toxicology information on substances. Genus information available on request.

Identification	Acute toxicity	
2-Propanone, 2,2',2''-[O,O',O''-(ethylsilyldiyl)trioxime] CAS: 58190-57-1	LD50 oral LD50 dermal LD50 oral LD50 dermal	>20 mg/L 2500 mg/kg 2493 mg/kg
Distillates (petroleum), hydrotreated light paraffinic, <3% IP 346] CAS: 64742-55-8	LD50 oral LD50 dermal LD50 inhalation	>5000 mg/kg >5000 mg/ kg >20 mg/L (4h)
N-(3-(trimethoxysilyl)propyl)ethylenediamine CAS: 64742-55-8	LD50 oral LD50 dermal LD50 inhalation	2295 mg/kg >5000 mg/ kg >20 kg >20 mg/L
	ATE mix	Ingredients of unknown toxicity
Oral	>5000 mg/kg (Calculation method)	Non-applicable
Dermal	>5000 mg/kg (Calculation method)	Non-applicable
Inhalation	>20 mg/L (4h) (Calculation method)	Non-applicable

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Section 12:

Ecological information

12.1 | Toxicity

Acute Toxicity:

Identification	Concentration	Species
Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346] CAS: 58190-57-1	LD50 5000mg/L (96h) EC50 1000mg/L (48h) EC50 1000mg/L (96h)	Oncorhynchus mykiss Daphnia magna Scenedesmus subspicatus
2-Propanone, 2,2',2''-[O,O',O''-(ethylsilylidyne)trioxime] CAS: 58190-57-1	LD50 697mg/L (96h) EC50 679mg/L (48h) EC50 315mg/L (72h)	Pimephales promelas N/A Pseudokirchneriella subcapitata
N-(3-(trimethoxysilyl)propyl)ethylenediamine CAS: 1760-24-3	LD50 597mg/L (96h) EC50 81mg/L (48h) EC50 8.8mg/L (72h)	Brachydanio rerio Daphnia magna Selenastrum capricornutum

Chronic toxicity:

Identification	Concentration	Species
Pyriithione zinc CAS: 13463-41-7	NOEC Non-applicable NOEC 0.22mg/L	Non-applicable Daphnia Magna

12.2 | Persistence and degradability

Substance-specific information:

Identification	Degradability	Biodegradability
N-(3-(trimethoxysilyl)propyl)ethylenediamine CAS: 1760-24-3	BOD5	Non-applicable
	COD	Non-applicable
	BOD5/COD	Non-applicable
	Concentration	Non-applicable
	Period	28 Days
	% Biodegradable	39%

12.3 | Bioaccumulative potential

Substance-specific information:

Identification	Bioaccumulation potential
Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346] CAS: 64742-55-8	BCF
	Pow Log Potential
	3.9
2-Propanone, 2,2',2''-[O,O',O''-(ethylsilylidyne)trioxime] CAS: 58190-57-1	BCF
	Pow Log Potential
	9.83

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12.4 | Mobility in soil

Identification	Absorption/desorption		Volatility	
2-Propanone, 2,2',2'' - [O,O',O''-(ethylsilyli-dyne)trioxime]	Koc	85500	Henry	Non-applicable
	Conclusion	Immobile	Dry soil	Non-applicable

12.5 | Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 | Other adverse effects:

Not described

Section 13:

Disposal considerations

13.1 | Waste treatment methods

Code: 08 04 10

Description:

Waste adhesives and sealants other than those mentioned in 08 04 09

Waste class:

Non-hazardous

Type of waste:

Non-applicable

Waste management (disposal and evaluation):

Consult the authorised waste service manager on the assessment and disposal operations in accordance The Waste (England & Wales) Regulations 2011, 2011 No. 988. As under 15 01 of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue.

Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of UK REACH the provisions related to waste management are stated:
UK legislation: The Waste (England & Wales) Regulations 2011.

Safety Data

Section 14: Transport information

This product is not regulated for transport (ADR/RID, IMDG,

Section 15: Regulatory Information

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

Substances listed in UK candidate list of substances of very high concern (SVHCs): Non-applicable

Substances listed in UK REACH Authorisation List (Annex 14): Non-applicable

The Control of Major Accident Hazards Regulations 2015:

Non-applicable

Restrictions to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII UK REACH, etc.):

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit)

Regulations 2020.

Control of Substances Hazardous to Health Regulations 2002 (as amended)

EH40/2005 Workplace exposure limits.

Section 16:

Other Information

Legislation related to safety

This safety data sheet has been designed in accordance with ANNEX II-The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

Texts of the legislative phrases mentioned in

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

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GB CLP Regulation:

Acute Tox. 2: H330 - Fatal if inhaled.

Acute Tox. 3: H301 - Toxic if swallowed.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Eye Dam. 1: H318 - Causes serious eye damage.

Repr. 1B: H360D - May damage the unborn child.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

Classification procedure:

Non-applicable

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer