

Premierbond SF White

Solvent free bonding adhesive Economy grade 300ml cartridge

Technical data sheet - According to 453/2010/EC



Description

Premierbond SF (solvent free) is a high quality, versatile dispersion based adhesive. Suitable for all PVC wall cladding installations. This high strength adhesive can be used to fix PVC sheets to walls providing a strong and durable bond. Suitable for interior use.

Features and benefits

- Shelf life: 12 months
- Curing time: 24/48 hours (Initial cure: 30 minutes)
- Solvent free
- Replaces nails and screws
- Perfectly paintable
- Non-corrosive towards metals
- Easy to apply and clean

Directions of use

Application temperature +5°C to +40°C. All surfaces must be clean and dry prior to application. Apply the adhesive to one surface in a strip form. At least one of the surfaces must be porous in order for the adhesive to cure. Position the object to be fixed bringing together with pressure.

Move the item from side to side and simultaneously apply pressure to achieve an effective and even bond. Slide the item into the exact position required. Temporary fixing or clamping may be necessary on unsupported items. Apply using a manual applicator gun, available from Cladright™.

Excess adhesive is easily cleaned using a damp cloth immediately after fitting. Adhesion tests prior to application are recommended.

Additional information

Application rate	1500 g/m
Application temp.	From +5°C to +40°C
Base	Acrylic dispersions
Coverage Based on: 2440 x 1220mm	Approx. 10.6 linear metres (1/2 sheet coverage)
Curing time	24/48 hours (23°C / 55% RH)
Density	1.61 g/ml
Flow	<2mm (ISO7390)
Frost resistance during transportation	Up to -15°C
Temp. resistance	From -20°C to +75°C

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Limitations

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Do not use in permanently damp/wet conditions. In damp, cold or humid conditions, curing time may be significantly extended. Do not use on mirrors.

Coverage for 2440 x 1220mm sheet

Approx. 10.6 linear metres (1/2 sheet coverage)

Health and safety

Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6](3:1). May produce an allergic reaction.

Surface preparations and finishing

Surfaces must be clean, dry and free from dust, grease and other loose material. At least one of the surfaces has to be porous in order for the adhesive to cure. Adhesion tests prior to application are recommended.

Tools should be wiped clean with a paper towel and can be washed in water whilst the adhesive is still un-cured.

Paintability

This product is paintable with most paints. A comparability test before application is recommended, Not paintable with alkyd resin paints.

Cleaning

Tools to be cleaned after use with water.

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Safety data sheet - According to 1907/2006/EC, Article 31

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

1.1. Product identifier

Trade name: Premierbond SF

Article number: Q504M

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

No further relevant information available.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable

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.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008: Void.

Hazard pictograms: Void.

Signal word: Void.

Hazard statements: Void.

Additional information:

Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]

and 2-methyl-2-Hisothiazol-3-one [EC no. 220-239-6](3:1).

May produce an allergic reaction. Keep out of the reach of children. Use only in well ventilated areas.

2.3. Other hazards

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Chemical characterisation

Mixture description: Mixture of substances listed below with non-hazardous additions.

Dangerous components: Void.

Additional information For the wording of the listed risk phrases refer to section 16.



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SECTION 4: First aid measures

4.1. Description of first aid measures

General information: No special measures required.
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: If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing agents:
Use fire extinguishing methods suitable to surrounding conditions.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for fire fighters

Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation

6.2. Environmental precautions: Do not allow to enter sewers/ surface or ground water

6.3. Methods and material for containment and cleaning up:

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

6.4. Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling: Use only in well ventilated areas

Information about fire - and explosion protection: No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.

7.3. Specific enduse(s):

No further relevant information available.



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SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data - see item 7.

8.1. Control parameters

Ingredients with limit values that require monitoring at the work place:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2. Exposure controls

Personal protective equipment/general protective and hygienic measures:

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

Respiratory protection: Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

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 therefore to be checked prior to the application.

Penetration time of glove material:

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

Eye protection:

Goggles recommended during refilling.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Information:

Appearance:

Form: Pasty

Colour: White

Odour: Characteristic

Odour threshold: Not determined

pH-value: Not determined

Change in condition:

Melting point/Melting range: Not determined

Boiling point/Boiling range: 100 °C

Flash point: > 100 °C

Flammability (solid, gaseous): Not applicable

Ignition temperature: Not determined



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SECTION 9: Continued

Decomposition temperature: Not determined.

Self-igniting: Product is not self-igniting.

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

Explosion limits:

Lower: Not determined.

Upper: Not determined.

Vapour pressure: Not determined.

Density at 20 °C: 1.61 g/cm³.

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with water: Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

Solvent content:

VOC (EC): 0.00 %

9.2. Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.



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SECTION 11: Toxicological information

11.1. Information on toxicological effects:

Acute toxicity

Primary irritant effect on the skin: No irritant effect.

Skin corrosion/irritation:

No irritant effect.

Serious eye damage/irritation:

No irritant effect.

Respiratory or skin sensitisation:

No irritant effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability: No further relevant information available.

12.3. Bioaccumulative potential: No further relevant information available.

12.4. Mobility in soil: No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment):

Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5. Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

12.6. Other adverse effects: No further relevant information available.



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SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Recommendation: Disposal must be made according to official regulations.

European waste catalogue:

08 04 09*waste adhesives and sealants containing organic solvents or other hazardous substances.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1. UN-Number

ADR, ADN, IMDG, IATA - Void

14.2. UN proper shipping name

ADR, ADN, IMDG, IATA - Void

14.3. Transport hazardclass(es)

ADR, ADN, IMDG, IATA - Void

14.4. Packing group

ADR, IMDG, IATA - Void

14.4. Packing group

ADR, IMDG, IATA - Void

14.5. Environmental hazards

Marine pollutant: No

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

UN "Model Regulation": -

SECTION 15: Regulatory information

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

Labelling of 'treated articles' according to Regulation (EU) 528/2012, Article 58:

This product contains a preservative against microbial deterioration.

Contains: a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-Isothiazol-3-one [EC no. 220-239-6] (3:1)

National regulations:

Other regulations, limitations and prohibitive regulations -

15.2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out



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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS:
Product safety department.

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative