2-Part Adhesive

Product Data Sheet

PVC Cladding Direct

Benefits

> Shelf life: 6 months

> Curing time: 4-6 hours (initial cure: 3040 minutes) (full cure: 24 hours)

> Full sheet coverage (Typical wall coverage: 6.5kg for up to 2.5m sheet or 8kg for up to 3m sheet)

> Less chance of bubbling

> Doesn't need moisture/temp to cure >

> High bond strength

> Easy to trowel and work

> Good moisture and chemical resistance

Product Information

Premierbond 2PT White

Premierbond 2PT is a two-component polyurethane adhesive, supplied in the correct constituents for mixing, and supplied within a plastic bucket.

The formulation has been designed to give ease of mixing, and for the adhering of all types of substrate, including GRP and PVC to walls and floors.

Premierbond 2PT is supplied as a standard 6.5kg pack, with an 8kg kit size available on request.

This Document Contains

» Technical Data - Part A
» Technical Data - Part B

2-Part Adhesive

Material Information

PVC Cladding Direct

Technical Data - Part A

Directions of use:

PC 6136 Base / PC 6136 Activator is a two part polyurethane adhesive and can be described as a non VOC regarding to European directive (1999/13/EC) and American legislation (CARB/ EPA 40FR 59.203(f)1). Both parts are supplied within a plastic bucket, and are supplied in ready to mix format.

Component A is packed directly into a plastic bucket, a plastic sheet is then placed on the component A surface.

Component B is supplied in a hermetically sealed aluminium pouch placed in the same container on the plastic sheet. Stir Component A thoroughly. Transfer component B into the plastic bucket holding component A and mix thoroughly until it creates a uniform consistency. A drill with a paddle attachment can be used to ensure complete mixing, but ensure a slow, steady speed setting, and use of a flat bladed implement to scrape the container sides and base, ensuring any splashed material is fully incorporated. Mixing should take at least 3 minutes before use. Material should be applied to sheet by notched trowel ensuring full and consistent sheet coverage.

Property	Details
Product identifier	Part A: PC 6136 BASE Part B: PC 6136 ACTIVATOR
Use of substance/mixture	Part A: Component for polyurethane systems Part B: Di-/polyisocyanate components for the production of polyurethanes
Chemical resistance	Resistant to water, dilute acids and alkalis and aliphatic oils
Solvents	None
Flammability	N/A
Service temp.	-40°C to +130°C
Application temp.	Recommended working application temperatures: Material 15°C, Environment 10°C 6 months from date of manufacture.
Storage life at 25°C	Store between 15°C and 25°C

Surface preparations and finishing

Surfaces must be clean, dry and free from any contaminants liable to impair adhesion. New build structures should be allowed to dry out for at least 6 weeks prior to application of Premierbond 2PT and should then have a moisture content on the surface and in the core of less than 14%. Very porous or dusty substrates may be sealed with a dilution of PVA, which must be completely dried out. Protective gloves, clothing and safety glasses are advised.

All materials should be allowed to acclimatise for at least 24 hours before bonding. The sheet, air temperature, adhesive and substrate should all be close to the final operational temperature of the building prior to application to avoid thermal stresses from expansion of the plastic sheeting. Ensure there is sufficient ventilation of the area.

Cleaning:

Tools to be cleaned after use with water. Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Limitations:

Premierbond 2PT will not bond to polyolefin plastics, e.g. polypropylene.

Health & Safety:

May produce an allergic reaction. Keep out of the reach of children.

2-Part Adhesive

Material Information

PVC Cladding Direct

Technical Data - Part A

Part A - Section 1:

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

1.1 | Product Identifier:

Trade name: Premierbond 2PT | PC 6136

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

Component for polyurethane systems:

Part A - Section 2:

Hazards identification

2.1 | Classification of the substance or mixture:

Classification under CLP: This product has no classification under CLP

2.2 | Label elements:

This product has no label elements

2.3 | Other hazards:

PBT: This product is not identified as a PBT/vPvB substance

Part A - Section 3:

Hazards identification

3.1 | Mixtures:

Contains: Hydroxylated polyols and non-reactive additives. Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

Part A - Section 4:

First aid measures

4.1 | Description of first aid measures:

Skin contact: Wash immediately with plenty of soap and water

Eye contact: Bathe the eye with running water for 15 minutes. Seek medical attention if irritation persists

Ingestion: Wash out mouth with water. Do not induce vomitting. Consult a doctor

Inhalation: Move to fresh air. In the event of symptoms seek medical advice

Technical Data - Part A

4.2 | Most important symptoms and effects, both acute and delayed:

Skin contact: There may be mild irritation at the site of contact

Eye contact: There may be irritation and redness

Ingestion: There may be irritation of the throat

Inhalation: No symptoms

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

Immediate / special treatment: Not applicable

Part A - Section 5:

Fire-fighting measures

5.1 | Extinguishing media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers

5.2 | Special hazards arising from the substance or mixture:

Exposure hazards: In combustion emits toxic fumes

5.3 | Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

Part A - Section 6:

Accidental release measures

6.1 | Personal precautions, protective equipment and emergency procedures:

Personal precautions: Refer to section 8 of TDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid

6.2 | Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding

6.3 | Methods and material for containment and cleaning up:

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method

6.4 | Reference to other sections:

Refer to section 8 of the TDS

Technical Data - Part A

Part A - Section 7:

Handling and storage

7.1 | Precautions for safe handling:

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Protect against moisture

7.2 | Conditions for safe storage, including any incompatibilities:

Storage conditions: Keep container tightly closed. Recommended storage temperature: 15-25°C. Protect from frost/do not freeze. Avoid contact with water or humidity

7.3 | Specific end use(s):

No data available

Part A - Section 8:

Exposure controls/personal protection

8.1 | Control parameters:

Workplace exposure limits: No data available

DNEL/PNEC: No data available

8.2 | Exposure controls:

Respiratory protection: Respiratory protection not required

Hand protection: Protective gloves

Eye protection: Safety glasses. Ensure eye bath is to hand

Skin protection: Protective clothing

Technical Data - Part A

Part A - Section 9:

Physical and chemical properties

9.1 | Information on basic physical and chemical properties:

State	Liquid
Colour	Beige
Odour	Perceptible odour
Evaporation rate	Negligible
Oxidising	Non-oxidising (by EC criteria)
Solubility in water	Insoluble
Viscosity	Highly viscous
Boiling point/range °C	>195°C
Melting point/range °C	No data available
Flammability limits %:	
Lower	**No data available**
Upper	**No data available**
Flash point °C	>185°C
Part.coeff. n-octanol/ water	No data available
Autoflammability	No data available
Vapour pressure	3 hPa @ 20 Deg C
Relative density	1.72
VOC g/l	No data available

9.2 | Other information:

No data available

Part A - Section 10:

Stability and reactivity

10.1 | Reactivity:

Stable under recommended transport or storage conditions

10.2 | Chemical stability:

Stable under normal conditions

10.3 | Possibility of hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below

10.4 | Conditions to avoid:

Heat. Moist air. Humidity

Technical Data - Part A

10.5 | Incompatible materials:

Materials to avoid: Strong oxidising agents. Strong acids

10.6 | Hazardous decompostion products:

In combustion emits toxic fumes

Part A - Section 11:

Toxicological information

11.1 | Information on toxicological effects:

Toxicity values: No data available

Symptoms / route of exposure

Skin contact: There may be mild irritation at the site of contact

Eye contact: There may be irritation and redness

Ingestion: There may be irritation of the throat

Inhalation: No symptoms

Part A - Section 12:

Ecological information

12.1 | Toxicity:

Ecotoxicity values: No data available

12.2 | Persistence and degradability:

No data available

12.3 | Bioaccumulative potential:

No data available

12.4 | Mobility in soil:

Insoluble in water

12.5 | Results of PBT and vPvB assessment

PBT indentification: This product is not identified as a PBT/vPvB substance

12.6 | Other adverse effects:

Negligible ecotoxicity

Technical Data - Part A

Part A - Section 13:

Disposal considerations

13.1 | Waste treatment methods:

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

Part A - Section 14:

Transport information

14.1 | Transport class:

This product does not require a classification for transport

Part A - Section 15:

Regulatory information

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

Specific regulations: Not applicable

15.2 | Chemical Safety Assessment:

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

Part A - Section 16:

Other information

Other information

This technical data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830 *indicates text in the TDS which as changed since the last revision.

Depending on the production parameters, any unconvered surfaces of thermoset moldings produced using this raw material may contain traces of substances (e.g. starting and reaction products, catalysts, release agents) with hazardous characteristics.

Skin contact with traces of these substances must be avoided. When demolding or otherwise handling freshly molded thermoset parts, protective textile gloves must be worn as a minimum.

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Direct Cladding shall not be held liable for any damage resulting from handling or from contact with the above product.

2-Part Adhesive

Material Information

PVC Cladding Direct

Technical Data - Part B

Part B - Section 1:

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

1.1 | Product Identifier:

Trade name: Premierbond 2PT | PC 6136 ACTIVATOR

Relevant identified uses of the substance or mixture and uses advised against Use of substance / mixture:

Di-/polyisocyanate components for the production of polyurethanes.

Part B - Section 2:

Hazards identification

2.1 | Classification of the substance or mixture:

Classification under CLP: Eye Irrit. H319; Acute Tox. 4: H332; Carc. 2: H351; Resp. Sense. 1: H334, Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT RE 2: H373; STOT SE 3: H335; -: EUH204

Most important adverse effects:

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Contains isocyanates. May produce an allergic reaction.

2.2 | Label elements:

Hazard statements:

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

H332: Harmful if inhaled

H334: May cause allergy of asthma symptoms or breathing difficulties if inhaled

H335: May cause respiratory irritation

H351: Suspected of causing cancer

H373: May cause damage to organs through prolonged or repeated exposure

EU204: Contains isocyanates. May produce an allergic reaction

Hazard pictograms:

GHS07: Exclamation mark

GHS08: Health hazard

Singal words:

Danger

Technical Data - Part B

Precautionary statements:

P260: Do not breath dust/fumes/gas/mist/vapours/spray

P280: Wear protective gloves/protective clothing/eye protection/face protection

P302+352: IF ON SKIN: Wash with plenty of water/soap

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing

P312: Call a POISON CENTER / doctor if you feel unwell.

2.3 | Other hazards:

Danger of serious damage to health by prolonged exposure

PBT: This product is not identified as a PBT/vPvB substance

Part B - Section 3:

Composition/information on ingredients

3.1 | Mixtures:

Hazardous ingredients: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES) - REACH

Registered number(s): EXEMPT - REACH POLYMER

Part B - Section 4:

First aid measures

4.1 | Description of first aid measures:

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor

4.2 | Most important symptoms and effects, both acute and delayed:

Skin contact: There may be irritation and redness at the site of contact. An itchy rash may occur at the site of contact

Eye contact: There may be irritation and redness. The eyes may water profusely

Ingestion: There way be soreness and redness of the mouth and throat

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Harmful by inhalation

Technical Data - Part B

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

Immediate / special treatment: Eye bathing equipment should be available on the premises

Part B - Section 5:

Fire-fighting measures

5.1 | Extinguishing media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers

5.2 | Special hazards arising from the substances or mixtures Exposure hazards:

In combustion emits toxic fumes

5.3 | Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

Part B - Section 6:

Accidental release measures

6.1 | Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of the TDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid

6.2 | Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding

6.3 | Methods and material for containment and cleaning up Clean-up procedures:

Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method

6.4 | Reference to other sections:

Refer to section 8 of TDS

Technical Data - Part B

Part B - Section 7:

Handling and storage

7.1 | Precautions for safe handling:

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air

7.2 | Conditions for safe storage, including and incompatibilities:

Storage conditions: Keep container tightly closed. Recommended storage temperature: 15-25°C. Protect from frost/do not freeze. Avoid contact with water or humidity

7.3 | Specific end use(s):

No further relevant information available

Part B - Section 8:

Exposure controls/personal protection

8.1 | Control parameters Hazardous ingredients:

DIPHENYLEMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

Workplace exposure

State	8 Hour TWA	15 Min. STEL	CLP Classification	Percent
UK	0.02 mg/m3	0.07 mg/m3	-	

8.2 | Exposure controls:

Engineering measures: Ensure there is sufficient ventilation of the area

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency

Hand protection: Protective gloves

Eye protection: Safety glasses. Ensure eye bath is to hand

Skin protection: Protective clothing

Technical Data - Part B

Part B - Section 9:

Physical and chemical properties

9.1 | Information on basic physical and chemical properties

State	Liquid
Colour	Brown
Odour	Perceptible odour
Evaporation rate	Negligible
Oxidising	Non-oxidising (by EC criteria)
Solubility in water	Insoluble
Viscosity	Oily
Boiling point/range °C	330°C
Melting point/range °C	No data available
Flammability limits %:	
Upper	**No data available**
Flash point °C	>204°C
Part.coeff. n-octanol/ water	>185°C
Autoflammability	>500°C
Relative density	1.23
pH	N/A
VOC g/l	No data available

9.2 | Other information:

No data available

Part B - Section 10:

Stability and reactivity

10.1 | Reactivity:

Stable under recommended transport or storage conditions

10.2 | Chemical stability:

Stable under normal conditions

10.3 | Possibility of hazardous reactions:

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below

10.4 | Conditions to avoid: of hazardous reactions:

Heat. Moist air. Humidity

Technical Data - Part B

10.5 | Incompatible materials:

Materials to avoid: Strong oxidising agents. Strong acids. Alcohols. Amines. Water. On contact with water, gaseous de-composition products are formed, which cause build-up of pressure in tightly closed containers. Risk of bursting. Reacts with substances which contain active hydrogen

10.6 | Hazardous decomposition products:

In combustion emits toxic fumes

Part B - Section 11:

Toxicological information

11.1 | Information on toxicological effects:

Hazardous ingredients:

DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)				
ORL	RAT	LD50	49	gm/kg
SKN	RBT	LD50	>9400	mg/kg

Relevent hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH	Hazardous: calculated
Skin corrosion/ irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	INH DRM	Hazardous: calculated
Carcinogenicity	-	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. An itchy rash may occur at the site of contact

Eye contact: There may be irritation and redness. The eyes may water profusely

Ingestion: There may be soreness and redness of the mouth and throat

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing wheezing. Harmful by inhalation

Technical Data - Part B

Part B - Section 12:

Ecological information

12.1 | Toxicity:

Ecotoxicity values: No data available

12.2 | Persistence and degradability:

No data available

12.3 | PBioaccumulative potential:

No data available

12.4 | Mobility in soil:

Insoluble in water

12.5 | Results of PBT and vPvB assessment:

PBT identification: This product is not identified as a PBT/vPvB substance

Other adverse effects: Negligible exotoxicity

Part B - Section 13:

Disposal considerations

13.1 | Waste treatment methods:

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company Waste code number: 07 02 08

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

Part B - Section 14:

Transport information

Transport class: This product does not require a classification for transport

Technical Data - Part B

Part B - Section 15:

Regulatory information

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

Specific regulations: Not applicable

15.2 | Chemical Safety Assessment:

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

Part B - Section 16:

Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830
*indicates text in the TDS which has changed since the last revision

Phrases used in s.2 and s.3

EUH204: Contains isocyanates. May produce an allergic reaction

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

H332: Harmful if inhaled

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335: May cause respiratory irritation

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

Legal disclaimer

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