

## Premierbond HT • White

SEALANT WITH ADHESIVE BASED ON HYBRID POLYMER TECHNOLOGY, PREMIUM GRADE WITH THE ABILITY FOR INTERNAL AND EXTERNAL USE

## PRODUCT DESCRIPTION

Premierbond HT is a premium quality, professional and universal sealant/adhesive based on hybrid MS polymer technology. With high tack properties, Premierbond HT has initial bond strength double that of most other grab adhesives and bonds to vertical applications. Premierbond HT is water, frost and heat resistant from temps. of -40°C to +90°C. Suitable for interior and exterior use.

## DIRECTIONS OF USE

Application temperature -5°C to +40°C. All surfaces must be clean and dry prior to adhesive application; furthermore all surfaces must be permeable to provide a key for the adhesive.

Apply adhesive in vertical stripes with approx. 100-200mm distance in between. Excess adhesive is easily cleaned using a damp cloth immediately after fitting. Adhesion tests prior to the application are recommended.



## CHARACTERISTICS / ADVANTAGES

- Shelf Life: 18 months
- Curing time: 24 hours (initial cure: 30 minutes)
- Permanently flexible
- Wet room environments
- Paintable
- Non-corrosive towards metals
- UV, moisture and mould resistant

## APPROVALS / STANDARDS

- CE Marked to EN15651-1: 2012, Type F EXT-INT-CC 25HM
- EN15651-3:2012, Type S XS2
- EN15651-4:2012, Type PW-EXT-INT-CC 25HM, Ecode EC1 Plus

## PRODUCT INFORMATION

100% Modulus	1.35 Mpa (N/mm <sup>2</sup> )
Application Rate	@3mm/4 bar (150g/min)
Application Temp.	From +5°C to +40°C
Base	Hybrid
Curing Time	24 hours (23°C / 55%RH)
Density	1.53 g/ml
Elongation at Break	300%
Flow	<2mm (ISO 7390)
Frost Resistance During Transportation	Up to -15°C
Shore-A Hardness	DIN 53505 (60 Shore A)
Skin Formation	10 minutes (23°C / 55% RH)
Temp. Resistance	From -40°C to +90°C

# Premierbond HT • White

## 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 adhesives 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 paints.

## CLEANING

Tools to be cleaned after use with water.

Cured material can only be mechanically removed.

## LIMITATIONS

Not suitable for PE, PP, PCm 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.

## HEALTH & SAFETY

Contains Trimethoxyvinylsilane & N-(3-(trimethoxysilyl)propyl)ethylenediamine & 1,2-Ethanediamine, N-[3-(dimethoxymethylsilyl)propyl]- & Dioctyltinbis(acetylacetonate). May produce allergic reaction. Safety data sheet available on request.

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# Premierbond HT • White

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

### 1.1 | Product Identifier

**Trade name:** Premierbond HT

**Article number:** QMS003

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

**Recommended use:**

Adhesives and/or sealants

**Uses advised against:**

Not to be used in protection of toys or childcare articles

## 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

### 2.2 | Label elements

Not classified

**Signal word:**

None

**Hazard statements:**

Not Classified

**EU Specific Hazard Statements:**

EUH208 - Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine & 1,2-Ethanediamine, N-[3-(dimethoxymethylsilyl)propyl]- & Diocetyltnbis(acetylacetonate). May produce an allergic reaction EUH210 - Safety data sheet available on request

### 2.3 | Other hazards

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. May be harmful in contact with skin

**PBT and vPvB assessment**

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT)

## Premierbond HT • White

## SECTION 3: Composition/information on ingredients

## 3.1 | Substances

Not applicable

## 3.2 | Chemical characterisation

Not applicable

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

Chemical name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SLC)	REACH Registration Number
Trimethoxyvinylsilane	220-449-8	2768-02-7	1- <2.5	Skin Sens. 1b (H317) Acute Tox. 4 (H332) Flam. Liq. 3 (H226)	-	01-2119513215-52-XXXX
Titanium dioxide	236-675-5	13463-67-7	0.1 - <1	Carc. 2 (H351i)	-	01-2119489379-17-XXXX
N-(3-(trimethoxysilyl)propyl)ethylenediamine	217-164-6	1760-24-3	0.1 - <1	Eye Dam. 1 (H318) Skin Sens. 1 (H317) Acute Tox. 4 (H332) STOT SE 3 (H335)	-	01-2119970215-39-XXXX
Diocetyl tinbis(acetylacetonate)	483-270-6	54068-28-9	0.1 - <1	STOT SE 2 (H371) Skin Sens. 1 (H317)	Skin Sens. 1:: C>=5%	01-0000020199-67-XXXX
1,2-Ethanediamine, N-[3-(dimethoxymethylsilyl)propyl]-	221-336-6	3069-29-2	0.1 - <1	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1A (H317)	-	01-2119963926-21-XXXX

**Full text of H- and EUH-phrases: see section 16**

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration &gt;=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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## SECTION 4: First aid measures

### 4.1 | Description of first aid measures

**General advice:**

If medical advice is needed, have product container or label to hand. Show this safety data sheet to the doctor in attendance

**Inhalation:**

Remove to fresh air. If symptoms persist, call a doctor

**Eye contact:**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 mins. Remove contact lenses, if present and easy to do. Continue rinsing

**Skin contact:**

Wash skin with soap and water. In case of skin irritation or allergic reactions, see a doctor

**Ingestion:**

Call a doctor immediately. If swallowed, rinse mouth with water (only if the person is conscious). Small amounts of toxic methanol are released by hydrolysis

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

**Symptoms:**

None known

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

**Note to doctors:**

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing  
Treat symptomatically

## SECTION 5: Fire-fighting measures

### 5.1 | Extinguishing media

**Suitable extinguishing agents:**

Water spray, carbon dioxide (CO<sub>2</sub>) dry chemical, alcohol-resistant foam

**Non suitable extinguishing agents:**

Full water jet

### 5.2 | Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical:**

Thermal decomposition can lead to release of irritating gases and vapours

**Hazardous combustion products:**

Carbon oxides. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Silicon Dioxide

### 5.3 | Advice for fire-fighters

**Special protective equipment for fire-fighters:**

Wear self contained breathing apparatus for fire fighting if necessary

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## SECTION 6: Accidental release measures

### 6.1 | Personal precautions, protective equipment and emergency procedures

**Personal precautions:**

Use personal protective equipment as required. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing

**Other information:**

Ventilate the area. Prevent further leakage or spillage if safe to do so

**For emergency responders:**

Use personal protection recommended in Section 8

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

**Environmental precautions:**

Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information

### 6.3 | Methods and material for containment and cleaning up

**Methods for containment:**

Do not scatter spilled material with high pressure water streams

**Methods for cleaning up:**

Take up mechanically, placing in appropriate containers for disposal

**Prevention of secondary hazards:**

Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4 | Reference to other sections:

See section 8 for more information

See section 13 for more information

## SECTION 7: Handling and storage

### 7.1 | Precautions for safe handling

**Advice on safe handling:**

Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing

**General hygiene considerations:**

Do not eat, drink or smoke when using this product. Wash hands before breaks and after work

### 7.2 | Conditions for safe storage, including any incompatibilities

**Storage Conditions:**

Protect from moisture. Keep at temperatures between 5 and 35°C. Keep away from food, drink and animal feeding stuffs

### 7.3 | Specific end use(s)

Ashesives and/or sealants

**Risk Management Methods (RMM):**

The information required is contained in this safety data sheet

**Other information:**

Observe technical data sheet

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## SECTION 8: Exposure controls/personal protection

## 8.1 | Control parameters

## Exposure Limits:

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

Chemical name	European Union	Ireland	United Kingdom
Diisononyl phthalate 28553-12-0	-	TWA: 5 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> *	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 600 ppm STEL: 780 mg/m <sup>3</sup> Sk*	TWA: 200 ppm TWA: 266 mg/m <sup>3</sup> STEL: 250 ppm STEL: 333 mg/m <sup>3</sup> Sk*

Chemical name	European Union	Ireland	United Kingdom
Methyl alcohol 67-56-1	-	15mg/L (urine - methanol end of shift)	-

## Derived No Effect Level (DNEL):

No information available

## Derived No Effect Level (DNEL)

## Trimethoxyvinylsilane (2768-02-7)

Type	Worker / Systemic health effects / Long term
Exposure route	Inhalation
Derived No Effect Level (DNEL)	27.6 mg/m <sup>3</sup>

Type	Worker / Systemic health effects / Long term
Exposure route	Dermal
Derived No Effect Level (DNEL)	3.9 mg/kg bw/d

## Titanium dioxide (13463-02-7)

Type	Worker / Long term / Local health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	10 mg/m <sup>3</sup>

## N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

Type	Worker / Systemic health effects / Long term
Exposure route	Inhalation
Derived No Effect Level (DNEL)	35.5 mg/m <sup>3</sup>

## Premierbond HT • White

## SECTION 8: Continued

Type	Worker / Systemic health effects / Long term
Exposure route	Dermal
Derived No Effect Level (DNEL)	5 mg/kg bw/d

## Diocetylbinbis(acetylacetonate) (54068-28-9)

Type	Long term / Systemic health effects / Worker
Exposure route	Dermal
Derived No Effect Level (DNEL)	0.07 mg/kg bw/d

Type	Long term / Systemic health effects / Worker
Exposure route	Inhalation
Derived No Effect Level (DNEL)	84 mg/m <sup>3</sup>

Type	Short term / Systemic health effects / Worker
Exposure route	Inhalation
Derived No Effect Level (DNEL)	84 mg/m <sup>3</sup>

Type	Long term / Short term / Local health effects / Worker
Exposure route	Inhalation
Derived No Effect Level (DNEL)	0.091 mg/m <sup>3</sup>

## 1,2-Ethanediamine, N-3-(dimethoxymethylsilyl)propyl]- (3069-29-2)

Type	Worker / Long term / Systemic health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	12 mg/m <sup>3</sup>

Type	Worker / Long term / Systemic health effects
Exposure route	Dermal
Derived No Effect Level (DNEL)	1.7 mg/kg bw/d

## Derived No Effect Level (DNEL)

## Trimethoxyvinylsilane (2768-02-7)

Type	Consumer / Systemic health effects / Long term
Exposure route	Inhalation
Derived No Effect Level (DNEL)	18.9 mg/m <sup>3</sup>

Type	Consumer / Systemic health effects / Long term
Exposure route	Dermal
Derived No Effect Level (DNEL)	7.8 mg/kg bw/d



## Premierbond HT • White

## SECTION 8: Continued

Type	Consumer / Systemic health effects / Long term
Exposure route	Oral
Derived No Effect Level (DNEL)	0.3 mg/kg bw/d

## Titanium dioxide (13463-02-7)

Type	Consumer / Long term / Systemic health effects
Exposure route	Oral
Derived No Effect Level (DNEL)	700 mg/kg bw/d

## N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

Type	Consumer / Systemic health effects / Long term
Exposure route	Oral
Derived No Effect Level (DNEL)	2.5 mg/kg bw/d

Type	Consumer / Systemic health effects / Long term
Exposure route	Inhalation
Derived No Effect Level (DNEL)	8.7 mg/m <sup>3</sup>

Type	Consumer / Systemic health effects / Long term
Exposure route	Dermal
Derived No Effect Level (DNEL)	2.5 mg/kg bw/d

## 1,2-Ethanediamine, N-3-(dimethoxymethylsilyl)propyl]- (3069-29-2)

Type	Consumer / Systemic health effects / Long term
Exposure route	Inhalation
Derived No Effect Level (DNEL)	2.9 mg/m <sup>3</sup>

Type	Consumer / Systemic health effects / Long term
Exposure route	Dermal
Derived No Effect Level (DNEL)	0.83 mg/kg bw/d

Type	Consumer / Systemic health effects / Long term
Exposure route	Oral
Derived No Effect Level (DNEL)	0.83 mg/kg bw/d

## Premierbond HT • White

## SECTION 8: Continued

## Predicted No Effect Concentration (PNEC):

No information available

## Predicted No Effect Concentration (PNEC)

## Trimethoxyvinylsilane (2768-02-7)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.34 mg/l
Marine Water	0.034 mg/l
Microorganisms in sewage treatment	110 mg/l

## Titanium dioxide (13463-02-7)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Marine water	0.0184 mg/l
Freshwater sediment	1000 mg/kg
Freshwater	0.184 mg/l
Marine sediment	100 mg/kg
Soil	100 mg/kg
Microorganisms in sewage treatment	100 mg/l
Freshwater - intermittent	0.193 mg/l

## N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.062 mg/l
Marine Water	0.0062 mg/l
Sewage treatment plant	25 mg/l

## Diocetyl tinbis(acetylacetonate) (54068-28-9)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	26 µg/l
Marine Water	2.6 µg/l
Freshwater - intermittent	260 µg/l
Sewage treatment plant	1 mg/l
Freshwater sediment	0.155 mg/kg dry weight
Marine sediment	0.0155 mg/kg dry weight
Soil	0.0158 mg/kg dry weight

## Premierbond HT • White

## SECTION 8: Continued

## 1,2-Ethanediamine, N-3-(dimethoxymethylsilyl)propyl]- (3069-29-2)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.062 mg/l
Marine water	0.006 mg/l
Sewage treatment plant	25 mg/l
Freshwater sediment	0.24 mg/kg dry weight
Marine sediment	0.024 mg/kg dry weight
Soil	0.01 mg/kg dry weight

## 8.2 | Exposure controls

**Engineering Controls:**

Ensure adequate ventilation, especially in confined areas

**Personal protective equipment****Eye/face protection:**

Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166

**Hand protection:**

Wear suitable gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time for the mentioned glove material is in general greater than 480 min. Glove thickness > 0.7mm. Recommended Use: Neoprene.<sup>TM</sup> Nitrile rubber. Butyl rubber. Gloves must conform to standard EN 374

**Skin and body protection:**

None under normal use conditions

**Respiratory protection:**

In case of inadequate ventilation, wear respiratory protection. Wear a respirator conforming to EN 140 with Type A/P2 filter or better. Ensure adequate ventilation, especially in confined areas

**Recommended filter type:**

Organic gases and vapours filter conforming to EN 14387. White. Brown

**Environmental exposure control:**

Do not allow uncontrolled discharge of product into the environment

## Premierbond HT • White

## SECTION 9: Physical and chemical properties

## 9.1 | Information on basic physical and chemical properties

Physical state	Solid
Appearance	Paste
Colour	Multiple colours
Odour	Characteristic
Odour threshold	No information available

Property	Values	Remarks • Method
pH	Not applicable	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	> 60°C	
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable for liquids	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapour pressure	No data available	
Vapour density	No data available	
Relative density	No data available	
Water solubility	Product cures with moisture	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	> 21 mm <sup>2</sup> /s	
Dynamic viscosity	No data available	
Explosive properties	No data available	
Oxidising properties	No data available	

## 9.2 | Other information

Solid content (%)	No information available
VOC Content (%)	.? g/L / .? %
Density	1.58 g/cm <sup>3</sup>

## Premierbond HT • White

## SECTION 10: Stability and reactivity

## 10.1 | Reactivity

Product cures with moisture

## 10.2 | Chemical stability

**Stability:**

Stable under normal conditions

**Explosion data****Sensitivity to mechanical impact:**

None

**Sensitivity to static discharge:**

None

## 10.3 | Possibility of hazardous reactions

None under normal processing

## 10.4 | Conditions to avoid

Product cures with moisture. Protect from moisture. Exposure to air or moisture over prolonged periods. Do not freeze. Keep away from open flames, hot surfaces and sources of ignition

## 10.5 | Incompatible materials

None known based on information supplied

## 10.6 | Hazardous decomposition products

None under normal use conditions. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

## SECTION 11: Toxicological information

## 11.1 | Information on toxicological effects

**Information on likely routes of exposure****Product Information****Inhalation:**

Based on the available data, the classification criteria are not met

**Eye contact:**

Based on the available data, the classification criteria are not met

**Skin contact:**

Based on the available data, the classification criteria are not met. May be harmful in contact with skin. May cause sensitisation in susceptible persons

**Ingestion:**

Based on the available data, the classification criteria are not met

## Premierbond HT • White

## SECTION 11: Continued

## Symptoms related to the physical, chemical and toxicological characteristics

No information available

## Numerical measures of toxicity

## Acute toxicity:

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 3,552.50 mg/kg

ATEmix (inhalation-vapour) 699.5098 mg/l

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Trimethoxyvinylsilane 2768-02-7	LD50 = 7120 -7236 mg/kg (Rattus) OECD 401	= 3360 µL/kg (Oryctolagus cuniculus)	LC50 (4hr) 16.8 mg/l (Rattus) OECD TG 403
Titanium dioxide 13463-67-7	>10000 mg/kg (Rattus)	LD50 > 10000 mg/kg	>5 mg/l
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	= 2295 mg/kg (Rattus)	>2000 mg/kg (Rattus)	LC50 4H (Aerosol) 1.5 - 2.44 mg/L air
Dioctyltinbis(acetylacetonate) 54068-28-9	LD50 = 2500 mg/kg (Rattus)	LD50 >2000 mg/kg (Rattus)	-
1,2-Ethanediamine, N-[3-(dimethoxymethylsilyl)propyl]- 3069-29-2	= 200 - 2000 mg/kg (Rattus) (OECD 401)	>5000 mg/kg (Oryctolagus cuniculus)	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

## Skin corrosion/irritation:

Based on available data, the classification criteria are not met

## Serious eye damage/eye irritation:

Based on available data, the classification criteria are not met

## Respiratory or skin sensitisation:

OECD Test No. 406: Skin Sensitisation. No sensitisation responses were observed. No classification is proposed, based on conclusive negative data. May cause sensitisation in susceptible persons.

## Product Information

Method	Species	Exposure route	Results
OECD Test No. 406: Sin Sensitisation	Guinea pig	Dermal	No sensitisation responses were observed
OECD Test No. 406: Sin Sensitisation	Guinea pig	Dermal	No sensitisation responses were observed

## Germ cell mutagenicity:

Based on available data, the classification criteria are not met

## Premierbond HT • White

## SECTION 11: Continued

**Carcinogenicity:**

Based on available data, the classification criteria are not met

**Chemical name****European Union**

Titanium dioxide 13463-67-7

Carc. 2

**Reproductive toxicity:**

Based on available data, the classification criteria are not met

**STOT - single exposure:**

Based on available data, the classification criteria are not met

**STOT - repeated exposure:**

Based on available data, the classification criteria are not met

## 11.2 | Information on other hazards

**Endocrine disrupting properties:**

No information available

**Other adverse effects:**

No information available

## SECTION 12: Ecological information

## 12.1 | Toxicity

**Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustaceae	M-Factor	M-Factor (long-term)
Trimethoxyvinylsilane 2768-02-7	EC 50 (72h) > 95 mg/l (Desmod esmusubspicatus) EU Method C.3	LC50 (96h) = 191 mg/l (oncorhynch usmykiss)	-	EC50 (48hr) 168.7 mg/l (Daphnia magna)	-	-
Titanium Dioxide 13463-67-7	LC50 (96h) >10000 mg/l (Cyprinodonvariegatus)	-	-	-	-	-
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-	LC50 (96h) = 597 mg/l (Daniorerio) Semi-static	-	EC50 (48h) = 81 mg/l Daphnia magna static	-	-
Dioctyltinbis(acetylate) 54068-28-9	-	LC50 (96h) = 86 mg/l (Static)	-	EC50 (48h) = 58.6 mg/l (Daphnia magna)	-	-

## Premierbond HT • White

## SECTION 12: Continued

## 12.2 | Persistence and degradability:

No information available

## Predicted No Effect Concentration (PNEC)

Trimethoxyvinylsilane (2768-02-7)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	BOD	51% Not really biodegradable

## 12.3 | Bioaccumulative potential

## Bioaccumulation:

There is no data for this product

## Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Trimethoxyvinylsilane 2768-02-7	1.1	-
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-0.3	-

## 12.4 | Mobility in soil

No information available

## 12.5 | Results of PBT and vPvB assessment

Chemical name	PBT and vPvB assessment
Trimethoxyvinylsilane 2768-02-7	The substance is not PBT / vPvB
Titanium Dioxide 13463-67-7	The substance is not PBT / vPvB - PBT assessment does not apply
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	The substance is not PBT / vPvB
Dioctyltinbis(acetylacetonate) 54068-28-9	The substance is not PBT / vPvB
1,2-Ethanediamine, N-[3-(dimethoxymethyl silyl)propyl]-3069-29-2	The substance is not PBT / vPvB

## 12.6 | Other adverse effects

No information available



## Premierbond HT • White

## SECTION 13: Disposal considerations

## 13.1 | Waste treatment methods

**Waste from residues/unused products:**

Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national and international regulations as applicable

**Contaminated packaging:**

Handle contaminated packages in the same way as the product itself

**European Waste Catalogue:**

08 04 10 waste adhesives and sealants other than mentioned in 08 04 09

**Other information:**

Waste codes should be assigned by the user based on the application for which the product was used

## SECTION 14: Transport information

## Land transport (ADR/RID)

14.1   UN Number	Not regulated
14.2   Proper Shipping Name	Not regulated
14.3   Transport hazard class(es)	Not regulated
14.4   Packing Group	Not regulated
14.5   Environmental hazards	Not applicable
14.6   Special Provisions	None

## IMDG

14.1   UN Number or ID number	Not regulated
14.2   Proper Shipping Name	Not regulated
14.3   Transport hazard class(es)	Not regulated
14.4   Packing Group	Not regulated
14.5   Marine pollutant	NP
14.6   Special Provisions	None
14.7   Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

## Air transport (ICAO-TI / IATA-DGR)

14.1   UN Number or ID number	Not regulated
14.2   Proper Shipping Name	Not regulated
14.3   Transport hazard class(es)	Not regulated
14.4   Packing Group	Not regulated
14.5   Environmental hazards	Not applicable
14.6   Special Provisions	None

## Premierbond HT • White

## SECTION 15: Regulatory information

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

**European Union:**

Take note of directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

**Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation (EC 1907/2006):****SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction:**

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Chemical name****PBT and vPvB assessment****Restricted substance per REACH Annex XVII**

Diisonoyl phthalate

28553-12-0

52[a].

Not to be used in toys or childcare articles above 0.1% which can be placed in the mouth by children

**Substance subject to authorisation per REACH Annex XIV:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

**Export Notification requirements:**

This product contains substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals

**Chemical name****European Export/Import Restrictions per (EC) 689/2008 - Annex Number**

Dioctyltinbis(acetylacetonate)

I.1

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009:**

Not applicable

**Persistent Organic Pollutants:**

Not applicable

## 15.2 | Chemical Safety Assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at  $>10$  tpa.

No Chemical Safety Assessment has been carried out for this mixture

## Premierbond HT • White

## SECTION 16: Other information

## Key or legend to abbreviations and acronyms used in the safety data sheet

## Full text of H-Statements referred to under section 3:

H226 - Flammable liquid and vapour  
H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H332 - Harmful in inhaled  
H335 - May cause respiratory irritation  
H371 - May cause damage to organs

## Legend

SVHC: Substances of Very High Concern for Authorisation:

## Legend

SECTION 8: Exposure controls / personal protection

TWA	TWA (time-weighted average)
STEL	STEL (Short term exposure limit)
Ceiling	Maximum limit value Skin designation
PBT	Persistent, Bioaccumulative and Toxic (PBT) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT RE	Specific target organ toxicity - Single exposure
EWC	European Waste Catalogue

## Key literature references and sources for data:

No information available

Prepared By: Product Safety & Regulatory Affairs

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## Indication of changes

Revision note: Not applicable

Training Advice: No information available

Further information: No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

## Disclaimer

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End of Technical Data Sheet