



Premierbond HT • White

Hybrid MS polymer technology • Premium grade • 290ml cartridge & 600ml foil
 • Internal & external 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 easy cleaned using a damp cloth immediately after fitting. Adhesion tests prior to application are recommended.

Additional information

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.

Features and benefits

- 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

100% modulus	1.35 Mpa (N/mm ²)
Application rate	@3mm/4 bar (150 g/min)
Application temp.	From +5°C to +40°C
Base	Hybrid
Coverage Based on: 2440 x 1220mm	290ml = Approx. 10.3 linear metres (½ sheet coverage) 600ml = Approx. 20.6 linear metres (1 sheet coverage)
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





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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

290ml = Approx. 10.3 linear metres (1/2 sheet coverage)
 600ml = Approx. 20.6 linear metres (1 sheet coverage)

Health and safety

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

Certifications

EN 15651-1:
 F-EXT-INT-CC 25HM

EN 15651-3:
 S XS3

EN 15651-4:
 PW-EXT-INT-CC 25HM,
 Emicode EC1 Plus



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 alkyl resin paints.

Cleaning

Tools to be cleaned after use with water. Cured material can only be mechanically removed.

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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 production 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]- & Dioctyltinbis(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

PBT and vPvB assessment





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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Chemical characterisation

Mixture description: Mixture of substances listed below with nonhazardous additions

Chemical name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Trimethoxyvinylsilane	220-449-8	2768-02-7	1- <2.5	Acute Tox. 4 (H332) Flam. Liq. 3 (H226)		01-2119513215-52-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 >=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 at 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 minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Skin contact:

Wash skin with soap and water. In the 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: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents:

Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam

Unsuitable 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 monoxide. Carbon dioxide (CO₂)

5.3. Advice for firefighters

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

6.4. Reference to other sections

See section 8 for more information

See section 13 for more information





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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 feedingstuffs

7.3. Specific end use(s)

Adhesives 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 ³ STEL: 15 mg/m ³	TWA: 5 mg/m ³ STEL: 15 mg/m ³
Titanium dioxide 13463-67-7	-	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 260 mg/m ³ *	TWA: 200 ppm TWA: 260 mg/m ³ STEL: 600 ppm STEL: 780 mg/m ³ Sk*	TWA: 200 ppm TWA: 266 mg/m ³ STEL: 250 ppm STEL: 333 mg/m ³ Sk*

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 ³

Type	worker Systemic health effects Long term
Exposure route	Dermal
Derived No Effect Level (DNEL)	3,9 mg/kg bw/d

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 ³

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





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SECTION 8: Continued

Diocetyl tinbis(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 ³

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

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

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 ³

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 ³

Type	Consumer Systemic health effects Long term
Exposure route	Dermal
Derived No Effect Level (DNEL)	7,8 mg/kg bw/d

Type	Consumer Systemic health effects Long term
Exposure route	Oral
Derived No Effect Level (DNEL)	0,3 mg/kg bw/d





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SECTION 8: Continued

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 ³

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

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

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

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

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





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SECTION 8: Continued

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

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.™ Nitrile rubber. Butyl rubber. Gloves must conform to standard EN 374

Skin and body protection:

None under normal use conditions

Respiratory protection:

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

Recommended filter type:

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

Environmental exposure control:

Do not allow uncontrolled discharge of product into the environment





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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 ² /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
Softening Point	No information available
Molecular weight	No information available
VOC Content (%)	.? g/L / .? %
Density	1.58
Bulk density	No information available





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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

Protect from moisture

10.5. Incompatible materials

None known based on information supplied

10.4. Hazardous decomposition products

None under normal use conditions. Stable under recommended storage conditions

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product information

Inhalation:

Based on available data, the classification criteria are not met

Eye contact:

Based on available data, the classification criteria are not met

Skin contact:

Based on available data, the classification criteria are not met. May cause sensitisation in susceptible persons

Ingestion:

Based on available data, the classification criteria are not met





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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) 3,725.00 mg/kg

Softening Point 707.20 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
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) (OECD 402)	

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

Component Information					
Trimethoxyvinylsilane (2768-02-7)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	Dermal	0.5 mL	24 hours	Non-irritant

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit				Mild skin irritant

1,2-Ethanediamine, N-[3-(dimethoxymethylsilyl)propyl]- (3069-29-2)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal			Mild skin irritant





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SECTION 11: Continued

Serious eye damage/eye irritation:

Based on available data, the classification criteria are not met

Component Information					
Trimethoxyvinylsilane (2768-02-7)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	eye		24 hours	Non-irritant

1,2-Ethanediamine, N-[3-(dimethoxymethylsilyl)propyl]- (3069-29-2)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit				Eye Damage

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

Component Information			
Trimethoxyvinylsilane (2768-02-7)			
Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitisation	Guinea pig	Dermal	Not a skin sensitiser

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)			
Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitisation	Guinea pig	Dermal	sensitising

1,2-Ethanediamine, N-[3-(dimethoxymethylsilyl)propyl]- (3069-29-2)			
Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitisation	Guinea pig		sensitising

Germ cell mutagenicity:

Based on available data, the classification criteria are not met

Component Information		
Trimethoxyvinylsilane (2768-02-7)		
Method	Species	Results
OECD Test No. 471: Bacterial Reverse Mutation Test	in vitro	Not mutagenic





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SECTION 11: Continued

Carcinogenicity:

Based on available data, the classification criteria are not met

Reproductive toxicity:

Based on available data, the classification criteria are not met

Component Information		
Trimethoxyvinylsilane (2768-02-7)		
Method	Species	Results
OECD Test No. 422: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test	Rat	Not Classifiable

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

Component Information					
Trimethoxyvinylsilane (2768-02-7)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 413: Sub-chronic Inhalation Toxicity: 90-day Study	Rat	Inhalation vapour		90 days	0.058 NOAEL

Aspiration hazard:

Based on available data, the classification criteria are not met





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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to Micro-organisms	Crustacea	M-Factor	M-Factor (long-term)
Trimethoxyvinylsilane 2768-02-7	EC 50 (72h) > 957 mg/l (Desmodesmus subspicatus) EU Method C.3	LC50 (96h) = 191 mg/l (Oncorhynchus mykiss)	-	EC50(48hr) 168.7mg/l (Daphnia magna)		
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-	LC50 (96H) =597 mg/L (Daniorerio) Semi-static	-	EC50 (48h) =81mg/L Daphnia magna Static		
Diocetyl tinbis(acetylacetonate) 54068-28-9	-	LC50 (96h) =86 mg/L (Static)	-	EC50 (48h) =58.6 mg/L (Daphnia magna)		

12.1. Persistence and degradability

No information available

Component Information			
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 readily biodegradeable

12.3. Bioaccumulative potential

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	-





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SECTION 12: Continued

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
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-(dimethoxymethylsilyl)propyl]- 3069-29-2	The substance is not PBT / vPvB

12.6. Other adverse effects

No information available

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 those 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





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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	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	No
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

Air transport (ICAO-TI / IATA-DGR)

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





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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, Authorization, 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	CAS No.	Restricted substance per REACH Annex XVII
Diisononyl 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)

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





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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 if 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 SE 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. 1907/200

Disclaimer

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End of Safety Data Sheet

