

MATERIALS SAFETY DATA SHEET				
	MSDS No:	002	Issue No	1
	Issue Date:	14/01/14		
	Revision Date:	14/07/16		
	Page No:	1 of 6		
<b>PRODUCT</b>		<b>Novaseal SignFix 2 - Crystal</b>		

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

### 1.1. Product identifier

Trade name : Novaseal SignFix 2 - Crystal

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

#### 1.2.1. Relevant identified uses

Main use category : Industrial use

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Innova Solutions Ltd  
 Lower Draught Gates Farm  
 Burnley Rd  
 Colne  
 Lancs  
 BB8 8PW  
 +44(0)1282 867390  
[info@innovasolutions.co.uk](mailto:info@innovasolutions.co.uk) - [www.innovasolutions.co.uk](http://www.innovasolutions.co.uk)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

Labelling according to Directive 67/548/EEC or 1999/45/EC

Extra phrases : Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine - Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacat - Methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacat. May produce an allergic reaction.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
vinyltrimethoxysilane	(CAS No.) 2768-02-7 (EC no) 220-449-8	< 5	R10 Xn; R20
Silicic acid (H4SiO4), tetraethyl ester, reaction products with bis(acetyloxy)dioctylstannane	(CAS No.) 93925-43-0 (EC no) 300-346-5	< 5	R10 R53
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
vinyltrimethoxysilane	(CAS No.) 2768-02-7 (EC no) 220-449-8	< 5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332
Silicic acid (H4SiO4), tetraethyl ester, reaction products with bis(acetyloxy)dioctylstannane	(CAS No.) 93925-43-0 (EC no) 300-346-5	< 5	Aquatic Chronic 4, H413

MATERIALS SAFETY DATA SHEET				
	MSDS No:	002	Issue No	1
	Issue Date:	14/01/14		
	Revision Date:	14/07/16		
	Page No:	1 of 6		
<b>PRODUCT</b>		<b>Novaseal SignFix 2 - Crystal</b>		

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Provide fresh air. Not expected to present a significant hazard under anticipated conditions of normal use.
- First-aid measures after skin contact : Wash with plenty of soap and water. Not expected to present a significant hazard under anticipated conditions of normal use.
- First-aid measures after eye contact : Wash with plenty of soap and water. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : no restriction.

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

Fire hazard : The product itself does not burn.

### 5.3. Advice for firefighters

Protection during firefighting protection : Wear suitable protective clothing, gloves and eye/face protection. Wear respiratory protection

## SECTION 6: Accidental release measures

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

General measures : Wear suitable protective clothing, gloves and eye/face protection. Wear respiratory protection.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

No additional information available

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

Methods for cleaning up : Dispose of contaminated materials in accordance with current regulations. Remove mechanically, placing in appropriate containers for disposal.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling


Precautions for safe handling : Wash hands before breaks and at the end of work.

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

Storage conditions : Store in a cool and well-ventilated place.

### 7.3. Specific end use(s)

No additional information available

MATERIALS SAFETY DATA SHEET				
	MSDS No:	<b>002</b>	Issue No	<b>1</b>
	Issue Date:	<b>14/01/14</b>		
	Revision Date:	<b>14/07/16</b>		
	Page No:	<b>1 of 6</b>		
<b>PRODUCT</b>	<b>Novaseal SignFix 2 - Crystal</b>			

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Eye protection : Goggles.  
 Skin and body protection : No special technical protective measures are necessary.  
 Respiratory protection : No special technical protective measures are necessary. Provide adequate ventilation.

## SECTION 9: Physical and chemical properties


### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
 Colour : No data available  
 Odour : characteristic.  
 Odour threshold : No data available  
 pH : No data available

---

Relative evaporation rate (butylacetate=1) : No data available  
 Melting point : No data available  
 Freezing point : No data available  
 Boiling point : No data available  
 Flash point : No data available  
 Self ignition temperature : No data available  
 Decomposition temperature : No data available  
 Flammability (solid, gas) : No data available  
 Vapour pressure : No data available  
 Relative vapour density at 20 °C : No data available  
 Relative density : No data available  
 Solubility : No data available  
 Log Pow : No data available  
 Log Kow : No data available  
 Viscosity, kinematic : No data available  
 Viscosity, dynamic : No data available  
 Explosive properties : No data available  
 Oxidising properties : No data available  
 Explosive limits : No data available

## MATERIALS SAFETY DATA SHEET

 bonding people fixing problems	MSDS No:	<b>002</b>	Issue No	<b>1</b>
	Issue Date:	<b>14/01/14</b>		
	Revision Date:	<b>14/07/16</b>		
	Page No:	<b>1 of 6</b>		
<b>PRODUCT</b>	<b>Novaseal SignFix 2 - Crystal</b>			

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Irritation	: Not classified
Corrosivity	: Not classified
Sensitisation	: Not classified
Repeated dose toxicity	: Not classified
Carcinogenicity	: Not classified
Mutagenicity	: Not classified
Toxicity for reproduction	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available


### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

## MATERIALS SAFETY DATA SHEET

	MSDS No:	<b>002</b>	Issue No	<b>1</b>
	Issue Date:	<b>14/01/14</b>		
	Revision Date:	<b>14/07/16</b>		
	Page No:	<b>1 of 6</b>		
<b>PRODUCT</b>	<b>Novaseal SignFix 2 - Crystal</b>			

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contaminated materials in accordance with current regulations.

## SECTION 14: Transport information

In accordance with ADR / RID / ADN R / IMDG / ICAO / IATA

### 14.1. UN number

No dangerous good in sense of transport regulations.

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Transport regulations (ADR) : No dangerous good in sense of transport regulations.

Transport regulations (RID) : No dangerous good in sense of transport regulations.

#### 14.6.2. Transport by sea

Transport regulations (IMDG) : No dangerous good in sense of transport regulations.

Transport regulations (ADNR) : No dangerous good in sense of transport regulations.

#### 14.6.3. Air transport

No additional information available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance


#### 15.1.2. National regulations

Water hazard class (WGK) : 1 - slightly hazardous to water

### 15.2. Chemical safety assessment

No additional information available

## MATERIALS SAFETY DATA SHEET

bonding people fixing problems 	MSDS No:	<b>002</b>	Issue No	<b>1</b>
	Issue Date:	<b>14/01/14</b>		
	Revision Date:	<b>14/07/16</b>		
	Page No:	<b>1 of 6</b>		
<b>PRODUCT</b>		<b>Novaseal SignFix 2 - Crystal</b>		

### SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Aquatic Chronic 4	Hazardous to the aquatic environment - Chronic Hazard Category 4
Flam. Liq. 3	Flammable liquids Category 3
H226	Flammable liquid and vapour
H332	Harmful if inhaled
H413	May cause long lasting harmful effects to aquatic life
R10	Flammable.
R20	Harmful by inhalation.
R53	May cause long-term adverse effects in the aquatic environment.
Xn	Harmful

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*