

## MATERIALS SAFETY DATA SHEET



MSDS No:	<b>001</b>	Issue No	<b>1</b>
Issue Date:	<b>14/01/14</b>		
Revision Date:	<b>14/07/16</b>		
Page No:	Page 1 of 4		

### PRODUCT

**NovaLite SignFix 10**

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

#### 1.1. Product identifier

Product name **NovaLite SignFix 10**

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

Company	Innova Solutions Ltd
Address	Lower Draught Gates Farm Burnley Road Colne Lancashire BB8 8PW
Web	www.innovasolutions.co.uk
Telephone	+44(0)1282 867390
Fax	+44(0)1282 861077
Email	info@innovasolutions.co.uk

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC Xn; R20 Xi; R36/37/38-43 N; R51/53  
Symbols: Xn: Harmful. N: Dangerous for the environment.

#### 2.2. Label elements

Symbols The product is classified in accordance with 67/548/EEC.  
Xn: Harmful. N: Dangerous for the environment.




### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Isobornyl acrylate		5888-33-5	227-561-6		20 - 30%	Xi; R36/37/38 N; R51/53
N,N-Dimethylacrylamide		2680-03-7	220-237-5		10 - 20%	T; R23 Xn; R21/22 Xi; R36/38-43
Dodecyl Acrylate		2156-97-0			10 - 20%	Xi; R36/37/38 N; R51/53
2-Hydroxy-2-Methylpropiophenone		7473-98-5	231-272-0		1 - 10%	Xn; R22 N; R50/53

## MATERIALS SAFETY DATA SHEET

	MSDS No:	<b>001</b>	Issue No	<b>1</b>
	Issue Date:		<b>14/01/14</b>	
	Revision Date:		<b>14/07/16</b>	
	Page No:		Page 3 of 4	
<b>PRODUCT</b>		<b>NovaLite SignFix 10</b>		

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. <b>DO NOT INDUCE VOMITING.</b> If swallowed, seek medical advice immediately and show this container or label.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam.
--	--

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

	Burning produces irritating, toxic and obnoxious fumes.
--	---

#### 5.3. Advice for firefighters

firefighters	Self-contained breathing apparatus. Wear protective clothing.
--------------	---

### SECTION 6: Accidental release measures

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

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
--	--

#### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
--	---

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best <u>Manual Handling considerations when handling, carrying and dispensing.</u>
--	---

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

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
--	--

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

## MATERIALS SAFETY DATA SHEET



MSDS No:	<b>001</b>	Issue No	<b>1</b>
Issue Date:	<b>14/01/14</b>		
Revision Date:	<b>14/07/16</b>		
Page No:	Page 4 of 4		

### PRODUCT

**NovaLite SignFix 10**

#### 8.1.1. Exposure Limit Values

N,N-Dimethylacrylamide	WEL 8-hr limit ppm: 8ppm	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:

#### 8.2. Exposure controls

Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.1. Individual protection measures	
Eye / face protection	
Skin protection - Handprotection	Wear chemical protective clothing.
Respiratory protection	Approved safety goggles. Chemical resistant gloves (PVC). Self-contained breathing apparatus. Wear protective clothing.

### SECTION 9: Physical and chemical properties

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

State	Liquid
Colour	Clear
Odour	Mild

### SECTION 10: Stability and reactivity

#### 10.2. Chemical stability

Stability	Stable under normal conditions.
-----------	---------------------------------

### SECTION 11: Toxicological information

#### 11.1.4. Toxicological Information


2-Hydroxy-2-Methylpropiopheno ne	Oral Rat LD50: 1694mg/kg	
Isobornyl acrylate	Inhalation Rat LC50/4 h: No data Dermal Rabbit LD50: >2000mg/kg	Dermal Rat LD50: >2000mg/kg
N,N-Dimethylacrylamide	Inhalation Rat LC50/30min: 0.67mg/l Dermal Rat LD50: 907mg/kg Oral Mouse LD50: 460mg/kg	Inhalation Rat LC50/1 h: >776ppm Oral Rat LD50: 250-320mg/kg Dermal Rabbit LD50: 540-910mg/kg

### SECTION 12: Ecological information

#### 12.1. Toxicity

2-Hydroxy-2-Methylpropiopheno ne	Green Algae EC50/48h: 0.64mg/l
	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## MATERIALS SAFETY DATA SHEET

 <p style="font-size: small; color: green;">bonding people fixing problems</p>	MSDS No:	<b>001</b>	Issue No	<b>1</b>
	Issue Date:	<b>14/01/14</b>		
	Revision Date:	<b>14/07/16</b>		
	Page No:	Page 5 of 4		
<b>PRODUCT</b>		<b>NovaLite SignFix 10</b>		

### SECTION 13: Disposal considerations

#### General information

	Dispose of in compliance with all local and national regulations.
--	---

### SECTION 14: Transport information

#### ADR/RID

	The product is not classified as dangerous for carriage.
--	--

#### IMDG

	The product is not classified as dangerous for carriage.
--	--

#### IATA

	The product is not classified as dangerous for carriage.
--	--

### SECTION 15: Regulatory information

#### Further information

	Calculated Risk Phrases.
--	--------------------------

### SECTION 16: Other information

#### Other information

Text of risk phrases in Section 3	R21/22 - Harmful in contact with skin and if swallowed. R22 - Harmful if swallowed. R23 - Toxic by inhalation. R36/37/38 - Irritating to eyes, respiratory system and skin. R36/38 - Irritating to eyes and skin. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic
-----------------------------------	--