

# MATERIALS SAFETY DATA SHEET



MSDS No:	<b>026</b>	Issue No:	<b>1</b>
Issue Date:	<b>11/08/14</b>		
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## PRODUCT

**NovaSol 12000NC**

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

### 1.1. Product identifier

Product name **NovaSol 12000NC**

Company  
Address  
  
  
  
  
  
Web  
Telephone

Innova Solutions Ltd  
Lower Draught Gates Farm  
Burnley Road  
Colne  
Lancashire  
BB8 8PW  
  
www.innovasolutions.co.uk  
+44(0)1282 867390

## SECTION 2: Hazards identification

2.1.1. Classification - 1999/45/EC  
F+; R12 Xi; R37/38-43  
Symbols: F+: Extremely flammable. Xi: Irritant.

### Symbols

The product is classified in accordance with 67/548/EEC.  
F+: Extremely flammable. Xi: Irritant.



## 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
Methyl methacrylate	607-035-00-6	80-62-6	201-297-1		50 - 60%	F; R11 Xi; R37/38 R43
Polymethyl Methacrylate					10 - 20%	Xn; R20/22

Full text for R-Phrases and Hazard Statements are in Section 16

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.  Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. <b>DO NOT INDUCE VOMITING.</b>

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

	Burning produces irritating, toxic and obnoxious fumes. Vapour may travel considerable distance to source of ignition and flash back.
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### 5.3. Advice for firefighters

	Self-contained breathing apparatus. Wear protective clothing.
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## 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. Eliminate all sources of ignition. Evacuate personnel to a safe area.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.

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

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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Methyl methacrylate	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m3: 208
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m3: 416

### 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection -	Chemical resistant gloves (PVC).
Hand protection	Wear suitable respiratory equipment when necessary.

## SECTION 9: Physical and chemical properties

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

State	Liquid
Colour	Clear
Odour	Characteristic

## SECTION 10: Stability and reactivity

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Oxidising agents.

### 10.4. Conditions to avoid

Heat, sparks and open flames.

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## SECTION 11: Toxicological information

### 11.1.4. Toxicological Information

Polymethyl Methacrylate	Dermal Rat LD50: >5000mg/kg
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## SECTION 12: Ecological information

### Further information

No data is available on this product.

## SECTION 13: Disposal considerations

### General information

Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

### Hazard pictograms



### 14.1. UN number

UN1133

### 14.2. UN proper shipping name

ADHESIVES

### 14.3. Transport hazard class(es)

ADR/RID	3
	-
Subsidiary risk	3
IMDG	-
	3
Subsidiary risk	-
IATA	

### 14.4. Packing group

Packing group	II
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### 14.5. Environmental hazards

Environmental hazards	No
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### 14.5. Environmental hazards

Marine pollutant	No
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### ADR/RID

Hazard ID	33
Tunnel Category	(D/E)

### IMDG

EmS Code	F-E S-D
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### IATA

Packing Instruction (Cargo)	364
Maximum quantity	60L
Packing Instruction (Passenger)	353
	5L

### Further information

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

### Further information

	Calculated Risk Phrases.
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## SECTION 16: Other information

### Other information

Text of risk phrases in Section 3	R11 - Highly flammable. R20/22 - Harmful by inhalation and if swallowed. R37/38 - Irritating to respiratory system and skin.
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### Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
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