


MATERIALS SAFETY DATA SHEET

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PRODUCT		NovaWeld SignFix 7		

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

1.1. Product identifier

Product name	NovaWeld SignFix 7
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1.3. Details of the supplier of the safety data sheet

Company	Innova Solutions Ltd
Address	Lower Draught Gates Farm Burnley Road Trawden Lancashire BB8 8PW
Web	www.innovasolutionsonline.com
Telephone	+44 (0)1282 867390
Fax	+44 (0)1282 861077

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	F; R11 Xi; R36/37/38-43
Main hazards	Highly flammable. Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.


SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
Methyl methacrylate	607-035-00-6	80-62-6	201-297-1		60 - 70%	F; R11 Xi; R37/38 R43
2-Methylpropenoic acid (Methacrylic acid)	607-088-00-5	79-41-4	201-204-4		1 - 10%	Xn; R21/22 C; R35
Pyridine, 3,5-diethyl-1,2-dihydro-1-phenyl-2-propyl-					1 - 10%	Xn; R21/22 Xi; R38
Butylated Hydroxytoluene (2,6-Di-tert-butyl-p-cresol)		128-37-0			0.5 - 1%	Xn; R22 Xi; R37/38
Cumene hydroperoxide	617-002-00-8	80-15-9	201-254-7		0.5 - 1%	O; R7 T; R23 Xn; R21/22-48/20/22 C; R34 N; R51/53
Hydrocarbon Wax (Paraffin wax, fume)		8002-74-2	232-315-6		0 - 0.5%	

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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. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show the container and/or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO ₂), Dry chemical, Foam.
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5.2. Special hazards arising from the substance or mixture

	Highly flammable. Burning produces irritating, toxic and obnoxious fumes.
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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. Eliminate all sources of ignition. Wear suitable protective equipment.
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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. 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. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

8.1. Control parameters

2-Methylpropenoic acid	WEL 8-hr limit ppm: 20 WEL 15 min limit ppm: 40	WEL 8-hr limit mg/m3: 72 WEL 15 min limit mg/m3: 143
Butylated Hydroxytoluene	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
Hydrocarbon Wax	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 2 WEL 15 min limit mg/m3: 6
Methyl methacrylate	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 208 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.
8.2.3. Eye / face protection	Approved safety goggles.
8.2.4. Skin protection -	Chemical resistant gloves (PVC).
	Self-contained breathing apparatus. Wear protective clothing.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Gel
Colour	Amber
Odour	Characteristic
Flash point	11.5

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Oxidising agents.
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10.4. Conditions to avoid

	Heat, sparks and open flames.
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

Acrylated Adhesion Promoter	Dermal Rat LD50 = 1000	
Butylated Hydroxytoluene (2,6-Di-tert-butyl-p-cresol)	Oral Rat LD50 = 1700mg/kg	Oral Mouse LD50 = 800-1600mg/kg
	Dermal Guinea Pig LD50 = >8000mg/kg	
Co-Polymer	Dermal Rat LD50 = >5000mg/kg	Oral Rat LD50 = >5000mg/kg
Copper Stock Solution	Oral Rat LD50 = 8400MG/KG	
Defoamer	Oral Rat LD50 = 14400mg/kg	
Impact Modifier	Oral Rat LD50 = >5000mg/kg	Dermal Rabbit LD50 = >5000mg/kg
Poly(acrylonitrile-butadiene-styrene)	Oral Rat LD50 = >5000mg/kg	
Pyridine, 3,5-diethyl-1,2-dihydro-1-phenyl-2-propyl-	Dermal Rat LD50 = 500mg/kg	Dermal Rabbit LD50 = 1000mg/kg
Thermoplastic Urethane	Oral Rat LD50 = >5000mg/kg	Dermal Rabbit LD50 = >2000mg/kg
Triethyleneglycol Dimethacrylate	Dermal Rat LD50 = >5000	
Wetting & Dispersing Additive	Oral Rat LD50 = 2600mg/kg	

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SECTION 12: Ecological information

12.1. Toxicity

Copper Stock Solution	Daphnia EC50/48h = 69 mg/l	Fish LC50/96h = 170 mg/l
Triethyleneglycol Dimethacrylate	Fish LC50/96h = 16.4 mg/l	
Wetting & Dispersing Additive	Golden orfe LC50/48h = 12mg/l	

SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

Hazard pictograms	
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14.1. UN number

	UN1133
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14.2. UN proper shipping name

Proper Shipping Name	ADHESIVES
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14.3. Transport hazard class(es)

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

14.4. Packing group

Packing group	II
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14.5. Environmental hazards

Environmental hazards	No
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)	307
Maximum quantity	60L
Packing Instruction (Passenger)	305
Maximum quantity	5L

SECTION 15: Regulatory information

Labelling

Symbols	The product is classified in accordance with 67/548/EEC. F: Highly flammable. Xi: Irritant. <div style="display: flex; justify-content: center; gap: 10px;">   </div>
Risk phrases	R11 - Highly flammable. R36/37/38 - Irritating to eyes, respiratory system and skin. R43 - May cause sensitisation by skin contact.
Safety phrases	S16 - Keep away from sources of ignition - No smoking. S24 - Avoid contact with skin. S37 - Wear suitable gloves.

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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R10 - Flammable R11 - Highly flammable. R21/22 - Harmful in contact with skin and if swallowed. R22 - Harmful if swallowed. R23 - Toxic by inhalation. R34 - Causes burns. R35 - Causes severe burns. R36/37/38 - Irritating to eyes, respiratory system and skin. R37/38 - Irritating to respiratory system and skin. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R48/20/22 - Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R7 - May cause fire.
Further information	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.