

SAFETY DATA SHEET
 according to 1907/2006/EC, Article 31

Page 1/5

NovaTac 120


Revision 0

Revision date 2015-01-22

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

1.1. Product identifier	
Product name	NovaTac 120
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC1] Adhesives, sealants;
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	Xi; R36/37/38 Symbols: Xi: Irritant.
2.2. Label elements	
Symbols	Xi: Irritant. 
Precautionary Phrases	P3 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

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
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	607-236-00-9	7085-85-0	230-391-5	01-2119527766-29	90 - 100%	Xi; R36/37/38
1,4-Dihydroxybenzene (Hydroquinone)	604-005-00-4	123-31-9	204-617-8		0 - 0.5%	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn; R22 Xi; R41 R43 N; R50

NovaTac 120

Revision 0

Revision date 2015-01-22

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention.
Eye contact	Bathe the eye with running water for 15 minutes. Seek medical attention.
Skin contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash off immediately with plenty of soap and water.
Ingestion	Rinse mouth thoroughly. Seek medical attention.

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

Eye contact	Irritating to eyes.
Skin contact	May cause irritation to skin.

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

	Eye wash bottle with water.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Protective equipment. Self-contained breathing apparatus. Wear suitable protective clothing.
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SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind, keeping bystanders also upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak side up to prevent escape of liquid.
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6.2. Environmental precautions

	Contain the spillage using bunding. Do not allow runoff water to enter sewers or drains. Do not empty into drains; dispose of this material and its container in a safe way.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Dispose of this material and its container to hazardous or special waste collection point.
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

	Appropriate local exhaust ventilation is required. Avoid contact with eyes and skin. Do not handle in a confined space. Ensure adequate ventilation of the working area.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep only in the original container in a cool, well-ventilated place. Keep out of the reach of children.
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SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

NovaTac 120

Revision 0

Revision date 2015-01-22

8.1.1. Exposure Limit Values

1,4-Dihydroxybenzene (Hydroquinone)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 0.5
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: 0.3	WEL 15 min limit mg/m3: 1.5

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Clear
Odour	Strong
Boiling point	149 °C
Flash point	80 °C
Vapour pressure	70000 Pa
Relative density	20 (Water = 1 @ 20 °C)
Autoignition temperature	450 °C
Viscosity	120 mPas (Cone & Plate)

9.2. Other information

Specific gravity	1.05 g/cm ³
VOC (Volatile organic compounds)	20 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

	Water.
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10.2. Chemical stability

	Stable under normal conditions.
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10.4. Conditions to avoid

	Heat. Moisture.
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10.5. Incompatible materials

	Strong acids. Strong oxidising agents. Water.
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10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

NovaTac 120	Dermal Rat LD50: >2000mg/kg	Oral Rat LD50: >5000mg/kg
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SECTION 12: Ecological information

12.2. Persistence and degradability

	Readily biodegradable.
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12.3. Bioaccumulative potential

	No observed effect concentration.
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12.5. Results of PBT and vPvB assessment

	Not applicable.
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SECTION 13: Disposal considerations

NovaTac 120

Revision 0
Revision date 2015-01-22

General information

	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances.
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Disposal methods

	Contact a licensed waste disposal company. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
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SECTION 14: Transport information

Hazard pictograms

14.1. UN number

	UN3334
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14.2. UN proper shipping name

	AVIATION REGULATED LIQUID, N.O.S.
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14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4. Packing group

Packing group	-
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	-
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IMDG

EmS Code	-
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IATA

Packing Instruction (Cargo)	964
Maximum quantity	220 L
Packing Instruction (Passenger)	964
Maximum quantity	100 L

SECTION 15: Regulatory information

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

	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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15.2. Chemical safety assessment

	EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
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SECTION 16: Other information

NovaTac 120

Revision 0

Revision date 2015-01-22

15.2. Chemical safety assessment

	EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
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SECTION 16: Other information

Other 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.
Text of risk phrases in Section 3	<p>R22 - Harmful if swallowed.</p> <p>R36/37/38 - Irritating to eyes, respiratory system and skin.</p> <p>R40 - Limited evidence of a carcinogenic effect.</p> <p>R41 - Risk of serious damage to eyes.</p> <p>R43 - May cause sensitisation by skin contact.</p> <p>R50 - Very toxic to aquatic organisms.</p> <p>R68 - Possible risk of irreversible effects.</p>
Maximum content of VOC	20 g/l.