


MATERIALS SAFETY DATA SHEET

	MSDS No:	012	Issue No:	2
	Issue Date:	10/01/17		
	Revision Date:	10/01/18		
	Page No:	1 of 7		
PRODUCT	NovaBond ARC – Adhesive Remover & Cleaner			

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

1.1. Product identifier

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

1.3. Details of the supplier of the safety data sheet

Product name: NovaBond ARC – Adhesive Remover & Cleaner

Company name: Innova Solutions Ltd

Lower Draught Gates Farm

Burnley Rd, Trawden, Lancs, BB8 8PW

United Kingdom

Tel: 01282 867390

Fax: 01282 861077

Email: info@innovasolutions.co.uk

1.4. Emergency telephone number

Emergency tel: 01282 867390

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: -: R10; -: R53; -: R66

Classification under CLP: Eye Irrit. 2: H319; Aquatic Chronic 4: H413; Flam. Liq. 3: H226

Most important adverse effects: Flammable. May cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements:

Hazard statements: H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

H413: May cause long lasting harmful effects to aquatic life.

Signal words: Warning

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241: Use explosion-proof electrical/ventilating/lighting/equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection. P303 +361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+378: In case of fire: Use suitable extinguishing media for the surrounding fire to extinguish.

Label elements under CHIP:

Risk phrases: R10: Flammable.

R53: May cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S2: Keep out of the reach of children.

S29: Do not empty into drains.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

2.3. Other hazards

Section 3: Composition/information on ingredients

3.2. Mixtures

PBT: This product is not identified as a PBT/vPvB substance.

Hazardous ingredients:

ISOPAR G

EINECS	CAS	CHIP Classification	CLP Classification	Percent
923-037-2	-	-: R10; -: R53; Xn: R65; -: R66; F+: R12	Flam. Liq. 3: H226; Aquatic Chronic 4: H413; Asp. Tox. 1: H304	70-90%

PROPAN-2-OL

200-661-7	67-63-0	F: R11; Xi: R36; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

PROPAN-2-OL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m ³	1250 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Flash point°C: 23 - 60

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Other information: No data available.

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Chemical stability: Stable under normal conditions.

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid**10.5. Incompatible materials**

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products**Section 11: Toxicological information****11.1. Information on toxicological effects**

Haz. decomp. products: In combustion emits toxic fumes.

Hazardous ingredients:**ISOPAR G**

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information**12.1. Toxicity**

Ecotoxicity values: No data available.

12.2. Persistence and degradability**12.3. Bioaccumulative potential**

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment**12.6. Other adverse effects**

PBT identification: This product is not identified as a PBT/vPvB substance.

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations**13.1. Waste treatment methods**

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information**14.1. UN number**

UN number: UN3295

14.2. UN proper shipping name**14.3. Transport hazard class(es)**

Shipping name: HYDROCARBONS, LIQUID, N.O.S.

Transport class: 3

14.4. Packing group**14.5. Environmental hazards**

Packing group: III

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment****Section 16: Other information****Other information**

Specific regulations: Not applicable.

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H413: May cause long lasting harmful effects to aquatic life.
R10: Flammable.
R11: Highly flammable.
R12: Extremely flammable.
R36: Irritating to eyes.
R53: May cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.