

MATERIAL SAFETY DATA SHEET



Product: **CONTACT ADHESIVE**

Code: BDA00 1/2/3

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Version: 3

1. PREPARATION AND COMPANY IDENTIFICATION:

Preparation Trade Name: BOND IT PREMIUM CONTACT ADHESIVE

Supplier: Bond It

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Emergency: As Above

2. COMPOSITION/ INFORMATION ON INGREDIENTS:

Neoprene Contact Adhesive

<u>CAS Number</u>	<u>Chemical Name</u>	<u>%</u>	<u>Classification</u>
67-64-1	Acetone	10-30	F; Xi; R11, 36, 66, 67
78-93-3	Butanone	10-30	F; Xi; R11, 36, 66, 67
287-9293	Cyclopentane	1-5	F; R11; R52/53
50-00-0	Formaldehyde	<1	CARC3; R40 T; R23/24/25 C; R34, 43
142-82-5	Heptane	10-30	F;R11 Xn;R65 Xi;R38 R67 N;R50/53
110-54-3	Hexane-norm	<1	F;R11 REPR3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53
108-87-2	Methylcyclohexane	1-5	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
64742-48-9	Naphtha (petroleum) Hydrotreated heavy	10-30	Xn; R65 Xi;R38 F;R11 N;R51/53 R67
109-66-0	Pentane	<1	F+;R12 Xn;R65 R66 R67 N;R51/53
	Hexane Mixture Of Isomers (max 5% n-Hexane (203-777-6))	5-10	F;R11 Xn;R65 Xi;R38 R67 N;R51/53

3. HAZARD IDENTIFICATION:

Highly flammable. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

Classification: Xi;R36/38. F;R11. N;R51/53. R67.

4. FIRST AID MEASURES:

Inhalation: Remove person to fresh air. If discomfort persists seek medical advice.

Skin Contact: Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.

Eye Contact: Irrigate immediately with clean water for 15 minutes and obtain medical attention.

Ingestion: If swallowed, seek medical advice immediately. Do not induce vomiting. If possible show product information or label to medical advisor.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: Carbon Dioxide (CO₂), Foam. Dry Chemicals, sand, dolomite. Earth.

Unsuitable Extinguishing Media: Do not use water.

Special Fire Fighting Procedures: Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

Specific Hazards: Toxic gases/vapours/fumes of Carbon Dioxide (CO₂). Carbon Monoxide (CO). Hydrogen Chloride (HCl).

6. ACCIDENTAL RELEASE MEASURES:

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE:

Usage:	Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flames. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
Storage:	Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well-ventilated place. keep in original container.
Storage Class:	Flammable liquid storage.

8. Exposure Controls:

UK Occupational exposure standards - EH40

	Std	LT - ppm	LT - MG/M3	ST - ppm	ST - mg/m3
Heptane	WEL	500 ppm			
Hexane-norm	WEL	20 ppm	72mg/m3		
Formaldehyde	WEL	2 ppm	2.5mg/m3	2 ppm	2.5 mg/m3
Acetone	WEL	500 ppm	1210mg/m3	1500 ppm	3620 mg/m3
Butanone	WEL	200 ppm (Sk)	600mg/m3	300 ppm (Sk)	899 mg/m3 (Sk)
Naphtha (petroleum) Hydrotreated heavy	WEL		1000 mg/m3		

Respiratory Protection: Avoid inhalation of vapours, use local exhaust ventilation. In poorly ventilated areas, a cartridge mask approved for organic vapours is recommend.

Hand Protection: Wear suitable impervious gloves.

Skin Protection: Wear appropriate protective clothing.

Eye Protection: Wear chemical resistant goggles if there is risk of splashing.

Hygiene: Do not smoke in work area. Wash at the end of each shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Flammability:	Highly flammable	Appearance:	Pale brown/ amber liquid
Odour:	Organic solvent	Solubility (water):	Slightly soluble in water
Boiling point/ range:	110°C	Relative Density:	0.815-0.830 @ 20°C
Viscosity cps @ 20°C:	4000-5000	Flashpoint (°C):	-13°C closed cup
Flammability Limit - lower:	0.9%	Limit - Upper:	8%

10. STABILITY AND REACTIVITY: Stable under normal conditions. Avoid excessive heat, flames and other sources of ignition.

Hazardous decomposition products: Carbon dioxide (CO₂), carbon monoxide (CO), Hydrogen Chloride (HCl).

11. TOXICOLOGICAL INFORMATION: Vapours irritating to eyes and respiratory tract, may cause drowsiness and dizziness. High concentrations of vapour may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. May cause stomach pain or vomiting. Irritating to skin. Irritating to eyes.

12. ECOLOGICAL INFORMATION: Dangerous to the environment if discharged into watercourses. The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment. This product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. No data available on bioaccumulation. The product is slowly degradable.

13. DISPOSAL CONSIDERATIONS: Disposal of material should be in accordance with local regulations.

14. TRANSPORT INFORMATION: **Flammable liquid.**

Road Class: 3; Shipping Name: Adhesives; UN No Road: 1133; ADR Class No: 3; ADR Pack Group: III; CEFIC TEC (R) No: 30GF1-III, 30 GF1-sp; IMDG Class: 3; Marine Pollutant: No ICAO Class: 3

15. REGULATORY INFORMATION:

Labelling:



Contains Acetone and N-Hexane

R11	Highly Flammable.
R36/38	Irritating to eyes and skin.
R51/53	Toxic to aquatic organisms, may cause long term effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
S2	Keep out of reach of children.
S9	Keep container in a well ventilated place.
S16	Keep away from sources of ignition - NO SMOKING.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S51	Use only in well ventilated areas.
S57	Use appropriate container to avoid environment contamination.
S61	Avoid release to the environment. Refer to special instructions/ safety data sheets.
S46	If swallowed seek medical advice immediately and show this container label.

16. OTHER INFORMATION:

Risk Phrases in Full:

R11	Highly flammable
R12	Extremely flammable
R23/24/25	Toxic by Inhalation, in contact with skin and if swallowed.
R34	Causes burns
R36	Irritating to eyes
R37	Irritating to respiratory system
R38	Irritating to skin
R40	Limited evidence of carcinogenic effect
R43	May cause sensitisation by skin contact
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
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.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness or dizziness.

Safety data sheet available for professional user on request.

The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information. This information is given in good faith, being based on the latest knowledge available to Bond It. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designed to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Bond It for further advice before the proposed application is undertaken.