

# Contact Sheet



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# **BONDLOC<sup>TM</sup>**

## **FORMULAS THAT WORK**

### **SAFETY DATA SHEET**

#### **Contact Adhesive**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

##### 1.1. Product identifier

**Product name** Contact Adhesive

**Container size** 50ml, 500ml

##### 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

###### **Supplier**

Bondloc UK Ltd  
Unit 2 Bewdley Business Park  
Long Bank  
Bewdley  
Worcestershire  
DY12 2TZ  
+44 (0)1299 269269  
+44 (0)1299 269210  
sales@bondloc.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)1299 269269

#### **SECTION 2: Hazards identification**

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Flam. Liq. 2 - H225

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Repr. 2 - H361d STOT SE 3 - H336  
STOT RE 2 - H373

**Environmental hazards** Aquatic Chronic 2 - H411

##### 2.2. Label elements

###### **Pictogram**



**Signal word**

**Danger**

## Contact Adhesive

<b>Hazard statements</b>	H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects.
<b>Precautionary statements</b>	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240 Ground/ bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe vapour/ spray. P261 Avoid breathing vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical advice/ attention. P312 Call a POISON CENTER/ doctor if you feel unwell. P314 Get medical advice/ attention if you feel unwell. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P337+P313 If eye irritation persists: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P391 Collect spillage. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.
<b>Contains</b>	toluene, Hydrocarbons, C6-C7, N-Alkanes, Isoalkans, Cyclics, <5% N-Hexane, acetone, rosin

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

## Contact Adhesive

<b>Hydrocarbons, C6-C7, N-Alkanes, Isoalkans, Cyclics, &lt;5% N-Hexane</b>	<b>30-60%</b>
CAS number: 64742-49-0	REACH registration number: 01-2119475514-35-0000
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	
<b>toluene</b>	<b>30-60%</b>
CAS number: 108-88-3	EC number: 203-625-9
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304	
<b>acetone</b>	<b>10-30%</b>
CAS number: 67-64-1	EC number: 200-662-2
	REACH registration number: 01-2119475514-35-0000
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	
<b>rosin</b>	<b>1-5%</b>
CAS number: 8050-09-7	EC number: 232-475-7
<b>Classification</b> Skin Sens. 1 - H317	
<b>zinc oxide</b>	<b>&lt;1%</b>
CAS number: 1314-13-2	EC number: 215-222-5
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b> Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

## Contact Adhesive

<b>n-hexane</b>	<b>&lt;1%</b>
CAS number: 110-54-3	EC number: 203-777-6
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361f STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove affected person from source of contamination. Get medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Continue to rinse for at least 15 minutes and get medical attention.

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

<b>Inhalation</b>	Vapours may irritate throat/respiratory system.
<b>Ingestion</b>	There maybe soreness and redness of the mouth and throat. Nausea, vomiting.
<b>Skin contact</b>	May cause irritation. Redness.
<b>Eye contact</b>	May cause eye irritation. Redness. Prolonged contact may cause redness and/or tearing.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Alcohol-resistant foam. Carbon dioxide (CO <sub>2</sub> ). Powder.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Vapours may form explosive mixtures with air.
<b>Hazardous combustion products</b>	Toxic gases or vapours.

#### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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### SECTION 6: Accidental release measures

## Contact Adhesive

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** For personal protection, see Section 8.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### acetone

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

**Eye/face protection** Wear eye protection.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection** Wear apron or protective clothing in case of contact.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

## SECTION 9: Physical and Chemical Properties

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

**Appearance** Liquid.

**Colour** Amber.

**Odour** Characteristic.

**Odour threshold** Not available.

**pH** pH (concentrated solution): 7-8

**Melting point** Not available.

## Contact Adhesive

<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	-35°C
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.6 Upper flammable/explosive limit: 13
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	0.86 @ 20°C
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	200°C
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Kinematic viscosity > 20.5 mm <sup>2</sup> /s.
<b>Explosive properties</b>	Not available.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not available.
<b>9.2. Other information</b>	
<b>Other information</b>	None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** See Section 10.3 (Possibility of hazardous reactions) for further information.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat. Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Other toxic gases and vapours

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

## Contact Adhesive

<b>Inhalation</b>	Irritating to respiratory system.
<b>Ingestion</b>	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
<b>Skin contact</b>	May cause irritation. Redness.
<b>Eye contact</b>	Redness. Irritation. Prolonged contact may cause redness and/or tearing.

### SECTION 12: Ecological Information

#### 12.1. Toxicity

##### Ecotoxicity

**Toxicity** Do not empty into drains/surface water/ground water

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not available.

#### 12.4. Mobility in soil

**Mobility** Volatile

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

#### 14.1. UN number

<b>UN No. (ADR/RID)</b>	1133
<b>UN No. (IMDG)</b>	1133
<b>UN No. (ICAO)</b>	1133
<b>UN No. (ADN)</b>	1133

#### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	ADHESIVES
<b>Proper shipping name (IMDG)</b>	ADHESIVES
<b>Proper shipping name (ICAO)</b>	ADHESIVES
<b>Proper shipping name (ADN)</b>	ADHESIVES



## Contact Adhesive

### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

#### Transport labels



### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ADN packing group	II
ICAO packing group	II

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	2
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning 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, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
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##### 15.2. Chemical safety assessment

#### SECTION 16: Other information

## Contact Adhesive

<b>Revision date</b>	27/05/2015
<b>SDS number</b>	5014
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H361f Suspected of damaging fertility. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

**PRECAUTIONS:** This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

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