

# Contact Sheet



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

## **FORMULAS THAT WORK**

### **SAFETY DATA SHEET**

#### **BWS Primer**

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                      BWS Primer

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

Identified uses                      Primer.

##### 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                      Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 STOT SE 3 - H336

Environmental hazards              Not Classified

##### 2.2. Label elements

###### Pictogram



Signal word

Danger

###### Hazard statements

H225 Highly flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H336 May cause drowsiness or dizziness.

## BWS Primer

<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P240 Ground/ bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P284 [In case of inadequate ventilation] wear respiratory protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTER/ doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	butanone, 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, 4,4'-methylenediphenyl diisocyanate

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>butanone</b>	<b>60-100%</b>
CAS number: 78-93-3	EC number: 201-159-0
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

## BWS Primer

<b>3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate</b>	<b>1-5%</b>
CAS number: 4098-71-9	EC number: 223-861-6
<b>Classification</b> Acute Tox. 3 - H331 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 STOT SE 3 - H335 Aquatic Chronic 2 - H411	
<b>4,4'-methylenediphenyl diisocyanate</b>	<b>&lt;1%</b>
CAS number: 101-68-8	EC number: 202-966-0
<b>Classification</b> Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373	

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>	Move affected person to fresh air at once. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Do not induce vomiting. Get medical attention immediately.
<b>Skin contact</b>	Treat affected skin with cotton wool or cellulose Wash skin thoroughly with soap and water or use an approved skin cleanser.
<b>Eye contact</b>	Rinse immediately with plenty of water. Get medical attention.

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

**General information**                      Treat symptomatically.

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

**Specific treatments**                      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**      Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media**      Do not use water jet as an extinguisher, as this will spread the fire.

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

## BWS Primer

**Specific hazards** Toxic gases or vapours.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage.

### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses.

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

**Methods for cleaning up** Pick up mechanically

### 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** Provide adequate ventilation. In use may form flammable/explosive vapour-air mixture.

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

**Storage precautions** Protect from freezing and direct sunlight. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from food and drink. 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

### 8.2. Exposure controls

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

**Hand protection** Wear protective gloves made of the following material: Butyl rubber.

**Hygiene measures** Wash skin thoroughly after handling.

**Respiratory protection** Respiratory protection may be required if excessive airborne contamination occurs. When spraying, wear a respirator fitted with the following cartridge: Gas filter, type AX.

## SECTION 9: Physical and Chemical Properties

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

**Appearance** Liquid.

**Colour** Black.

**Odour** Solvent.

**Odour threshold** Not available.

## BWS Primer

<b>pH</b>	Not available.
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	80°C
<b>Flash point</b>	-10°C
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.7 Vol % Upper flammable/explosive limit: 11.5 Vol %
<b>Vapour pressure</b>	104 hPa @ 20°C
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Slightly soluble in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	>200°C
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidising properties</b>	Not available.
<b><u>9.2. Other information</u></b>	
<b>Other information</b>	None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** See the other subsections of this section for further details.

#### 10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** The following materials may react with the product: Acids. Alkalis. Alcohols.

#### 10.4. Conditions to avoid

**Conditions to avoid** Not known.

#### 10.5. Incompatible materials

**Materials to avoid** None known.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Nitrogen. Isocyanate

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

## BWS Primer

### Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 157.89

Skin contact Irritating.

Eye contact Irritating.

## SECTION 12: Ecological Information

### 12.1. Toxicity

Ecotoxicity

### 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** No information available

### 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

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste product or used containers in accordance with local regulations

**Waste class** 08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances. 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09 08 04 11 adhesive and sealant sludges containing organic solvents or other dangerous substances. 08 04 12 adhesive and sealant sludges other than those mentioned in 08 04 11 15 01 10 packaging containing residues of or contaminated by dangerous substances. 15 01 01 paper and cardboard packaging 15 01 02 plastic packaging 15 01 10 packaging containing residues of or contaminated by dangerous substances.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID) 1139

UN No. (IMDG) 1139

UN No. (ICAO) 1139

UN No. (ADN) 1139

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** COATING SOLUTION

## BWS Primer

Proper shipping name (IMDG) COATING SOLUTION

Proper shipping name (ICAO) COATING SOLUTION

Proper shipping name (ADN) COATING SOLUTION

### 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-E

ADR transport category 2

Emergency Action Code •3YE

Hazard Identification Number 33  
(ADR/RID)

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



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### 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.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

<b>Revision date</b>	23/07/2015
<b>SDS number</b>	5045
<b>Hazard statements in full</b>	<p>H225 Highly flammable liquid and vapour.  H315 Causes skin irritation.  H317 May cause an allergic skin reaction.  H319 Causes serious eye irritation.  H331 Toxic if inhaled.  H332 Harmful if inhaled.  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H335 May cause respiratory irritation.  H336 May cause drowsiness or dizziness.  H351 Suspected of causing cancer.  H373 May cause damage to organs through prolonged or repeated exposure.  H411 Toxic to aquatic life with long lasting effects.</p>

**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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