



## SAFETY DATA SHEET B603

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	B603
Container size	10ml, 25ml, 50ml and 250ml bottles
UFI	UFI: NV30-N0R3-Q00V-5HRP

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

Identified uses	Adhesive.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	Bondloc UK Ltd Units 1 & 2 Bewdley Business Park Long Bank Bewdley Worcestershire DY12 2TZ United Kingdom +44 (0)1299 269269 +44 (0)1299 269210 sales@bondloc.co.uk
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#### 1.4. Emergency telephone number

Emergency telephone	+44 (0)1299 269269
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### SECTION 2: Hazards identification

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

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

Physical hazards	Not Classified
Health hazards	Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335
Environmental hazards	Aquatic Chronic 4 - H413

#### 2.2. Label elements

##### Hazard pictograms



Signal word	Danger
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Hazard statements	H314 Causes severe skin burns and eye damage.
	H317 May cause an allergic skin reaction.
	H335 May cause respiratory irritation.
	H413 May cause long lasting harmful effects to aquatic life.

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### Precautionary statements

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.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 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 or 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.  
 P310 Immediately call a POISON CENTER/ doctor.  
 P312 Call a POISON CENTRE/doctor if you feel unwell.  
 P321 Specific treatment (see medical advice on this label).  
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P363 Wash contaminated clothing before reuse.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 P501 Dispose of contents/ container in accordance with national regulations.

### Contains

Methacrylic acid, monoester with propane-1,2-diol, acrylic acid,  $\alpha,\alpha$ -dimethylbenzyl hydroperoxide, Maleic acid, 2'-phenylacetohydrazide

### 2.3. Other hazards

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

#### 3.2. Mixtures

<b>Esterification products of 4,4'-isopropylidenediphenol, ethoxylated and 2-methylprop-2-enoic acid</b>  CAS number: 41637-38-1                      EC number: 609-946-4                      REACH registration number: 01-2119980659-17-0000	<b>30-60%</b>
<b>Classification</b> Aquatic Chronic 4 - H413	
<b>Methacrylic acid, monoester with propane-1,2-diol</b>  CAS number: 27813-02-1                      EC number: 248-666-3                      REACH registration number: 01-2119490226-37-0000	<b>30-60%</b>
<b>Classification</b> Eye Irrit. 2 - H319 Skin Sens. 1 - H317	

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<b>acrylic acid</b> <span style="float: right;"><b>1-5%</b></span>		
CAS number: 79-10-7	EC number: 201-177-9	REACH registration number: 01-2119452449-31-0000
M factor (Acute) = 1		
<b>Classification</b>		
Flam. Liq. 3 - H226		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Corr. 1A - H314		
Eye Dam. 1 - H318		
STOT SE 3 - H335		
Aquatic Acute 1 - H400		
<b><math>\alpha,\alpha</math>-dimethylbenzyl hydroperoxide</b> <span style="float: right;"><b>1-5%</b></span>		
CAS number: 80-15-9	EC number: 201-254-7	REACH registration number: 01-2119475796-19-0000
<b>Classification</b>		
Org. Perox. E - H242		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Acute Tox. 3 - H331		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
STOT SE 3 - H335		
STOT RE 2 - H373		
Aquatic Chronic 2 - H411		
<b>Maleic acid</b> <span style="float: right;"><b>&lt;1%</b></span>		
CAS number: 110-16-7	EC number: 203-742-5	REACH registration number: 01-2119488705-25-0000
<b>Classification</b>		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
STOT SE 3 - H335		

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<b>2'-phenylacetohydrazide</b>	<b>&lt;1%</b>
CAS number: 114-83-0	EC number: 204-055-3
<b>Classification</b>	
Acute Tox. 3 - H301	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
STOT SE 3 - H335	

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 any discomfort continues.
<b>Ingestion</b>	Give plenty of water to drink. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. Remove contaminated clothing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist.

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

<b>Inhalation</b>	May cause respiratory system irritation.
<b>Skin contact</b>	May cause irritation. May cause an allergic skin reaction.
<b>Eye contact</b>	Conjunctivitis, irritation, 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: Carbon dioxide (CO <sub>2</sub> ). Foam. Alcohol-resistant foam. 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>	In case of fire: Toxic gases or vapours.
<b>Hazardous combustion products</b>	Oxides of carbon. Oxides of nitrogen.

**5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	Containers close to fire should be removed or cooled with water.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**SECTION 6: Accidental release measures**

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

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

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Absorb spillage with sand or other inert absorbent. 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** Use only in well-ventilated areas. Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

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

**Storage precautions** Store at temperatures not exceeding 38°C. Keep only in the original container. Do not use containers made of the following materials: Rusty Steel. Tin. Aluminium. Mild steel. Copper.

### 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: Polyethylene. Neoprene. Nitrile rubber. Do NOT use Polyvinyl chloride (PVC). Rubber (natural, latex).

**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** Green.

**Odour** Sweetish.

**Odour threshold** Not available.

**pH** Not applicable.

**Melting point** Not available.

**Initial boiling point and range** Not available.

**Flash point** > 93°C

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<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.1g/cm <sup>3</sup>
<b>Solubility(ies)</b>	Slightly soluble in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	125 cps @ °C
<b>Explosive properties</b>	Not available.
<b>Oxidising properties</b>	Not available.

**9.2. Other information**

**Other information** None.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

**Reactivity** There are no known reactivity hazards associated with this product.

**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. Polymerises easily with evolution of heat.

**10.4. Conditions to avoid**

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight.

**10.5. Incompatible materials**

**Materials to avoid** Avoid contact with the following materials: Aluminium. Mild Steel Rusty Steel Copper Tin

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Heating may generate the following products: Carbon. Nitrogen.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

**Toxicological effects** No information available.

**Acute toxicity - oral**

**ATE oral (mg/kg)** 7,235.89

**Acute toxicity - dermal**

**ATE dermal (mg/kg)** 18,612.52

**B603****Acute toxicity - inhalation**

ATE inhalation (vapours mg/l) 108.09

Inhalation May cause respiratory system irritation.

Ingestion May cause irritation.

Skin contact Irritating.

Eye contact Risk of serious damage to eyes.

**SECTION 12: Ecological information**

Ecotoxicity There are no data on the ecotoxicity of this product.

**12.1. Toxicity**

Ecotoxicity

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

**12.2. Persistence and degradability**

Persistence and degradability The product is more than 80% biodegradable. 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 Not considered mobile.

**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 Not available.

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

General information Dispose of waste product or used containers in accordance with local regulations

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.

**SECTION 14: Transport information**

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

UN No. (ADR/RID) 3265

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UN No. (IMDG)	3265
UN No. (ICAO)	3265
UN No. (ADN)	3265

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

No transport warning sign required.

ADR/RID class	8
ADR/RID classification code	C3
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

**Transport labels****14.4. Packing group**

Not applicable.

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

**14.5. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

Not applicable.

IMDG Code segregation group	1. Acids
EmS	F-A, S-B
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

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



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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

**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.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

<b>Revision date</b>	26/08/2021
<b>Revision</b>	6
<b>Supersedes date</b>	17/12/2020
<b>SDS number</b>	5843
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H242 Heating may cause a fire. H301 Toxic if swallowed. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life.

**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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