



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.

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

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 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

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, α,α -dimethylbenzyl hydroperoxide, maleic acid, 2'-phenylacetohydrazide

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Esterification products of 4,4'-isopropylidenediphenol, ethoxylated and 2-methylprop-2-enoic acid			30-60%
CAS number: 41637-38-1	EC number: 609-946-4	REACH registration number: 01-2119980659-17-0000	
Classification Aquatic Chronic 4 - H413			

Methacrylic acid, monoester with propane-1,2-diol			30-60%
CAS number: 27813-02-1	EC number: 248-666-3	REACH registration number: 01-2119490226-37-0000	
Classification Eye Irrit. 2 - H319 Skin Sens. 1 - H317			

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acrylic acid 1-5%		
CAS number: 79-10-7	EC number: 201-177-9	REACH registration number: 01-2119452449-31-0000
M factor (Acute) = 1		
Classification 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		
α,α-dimethylbenzyl hydroperoxide 1-5%		
CAS number: 80-15-9	EC number: 201-254-7	REACH registration number: 01-2119475796-19-0000
Classification 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		
2'-phenylacetohydrazide <1%		
CAS number: 114-83-0	EC number: 204-055-3	
Classification Acute Tox. 3 - H301 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335		

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maleic acid		<1%
CAS number: 110-16-7	EC number: 203-742-5	REACH registration number: 01-2119488705-25-0000
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 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

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	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.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. Remove contaminated clothing.
Eye contact	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

Inhalation	May cause respiratory system irritation.
Skin contact	May cause irritation. May cause an allergic skin reaction.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Carbon dioxide (CO ₂). Foam. Alcohol-resistant foam. Powder.
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

Specific hazards	In case of fire: Toxic gases or vapours.
Hazardous combustion products	Oxides of carbon. Oxides of nitrogen.

5.3. Advice for firefighters

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

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SECTION 6: Accidental release measures

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 pH (concentrated solution): 3-5

Melting point Not available.

Initial boiling point and range Not available.

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Flash point	> 100°C
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	-0.1 mm Hg @ 20°C
Vapour density	Not determined.
Solubility(ies)	Slightly soluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	125 cps @ °C
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information

Other information	None.
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SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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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.
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10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.
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10.5. Incompatible materials

Materials to avoid	Avoid contact with the following materials: Aluminium. Mild Steel Rusty Steel Copper Tin
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10.6. Hazardous decomposition products

Hazardous decomposition products	Heating may generate the following products: Carbon. Nitrogen.
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SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Toxicological effects	No information available.
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Acute toxicity - oral

ATE oral (mg/kg)	7,207.02
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Acute toxicity - dermal

ATE dermal (mg/kg)	18,581.08
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B603**Acute toxicity - inhalation**

ATE inhalation (vapours mg/l) 107.42

Inhalation May cause respiratory system irritation.

Ingestion May cause irritation.

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**14.1. UN number**

UN No. (ADR/RID) 3265

UN No. (IMDG) 3265

UN No. (ICAO) 3265

UN No. (ADN) 3265

14.2. UN proper shipping name

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Proper shipping name (ADR/RID)	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (acrylic acid and α,α -dimethylbenzyl hydroperoxide)
Proper shipping name (IMDG)	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (acrylic acid and α,α -dimethylbenzyl hydroperoxide)
Proper shipping name (ICAO)	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (acrylic acid and α,α -dimethylbenzyl hydroperoxide)
Proper shipping name (ADN)	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (acrylic acid and α,α -dimethylbenzyl hydroperoxide)

14.3. Transport hazard class(es)

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**

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

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**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

Revision date 17/12/2020

Revision 5

Supersedes date 19/02/2020

SDS number 4630

Hazard statements in full

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.

WARRANTY: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.