

## SAFETY DATA SHEET B2060 (RESIN)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name                      B2060 (RESIN)  
 Container size                    28ml

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

Identified uses                    2 Part Adhesive

#### 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  
    01299 269269  
    01299 269210  
    sales@bondloc.co.uk

#### 1.4. Emergency telephone number

+44 (0)1299 269269 Monday - Friday 09:00-17:00 hrs  
**National Emergency Telephone Number**  
 +44 (0)1299 269269 Mon-Fri 09:00-17:00hrs

### SECTION 2: HAZARDS IDENTIFICATION

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

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

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317
Environment	Aquatic Chronic 2 - H411

##### Classification (1999/45/EEC)

Xi; R36/38. R43. N; R51/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2. Label elements

Contains                            BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN  
 Label In Accordance With (EC) No. 1272/2008



Signal Word                        Warning

##### Hazard Statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

##### Precautionary Statements

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/attention.
P501	Dispose of contents/container in accordance with local regulations.

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### Supplementary Precautionary Statements

P272	Contaminated work clothing should not be allowed out of the workplace.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P321	Specific treatment (see medical advice on this label).
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P332+313	If skin irritation occurs: Get medical advice/attention.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P337	If eye irritation persists:
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

### 2.3. Other hazards

No data available / Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

<b>BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN</b>		<b>60-100%</b>
<b>CAS-No.: 25068-38-6</b>	<b>EC No.: 500-033-5</b>	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R36/38. N;R51/53. R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

If you feel unwell, seek medical advice (show the label where possible)

#### Inhalation

Fresh air. If symptoms persist, seek medical advice

#### Ingestion

Do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person

#### Skin contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Wash contaminated clothing before re-use Get medical attention if any discomfort continues.

#### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Seek immediate medical advice

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

#### Inhalation.

Inhalation of vapours is irritating to the respiratory system, may cause throat pain and a cough

#### Ingestion

May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

#### Skin contact

May cause Skin irritation. Allergic reactions are possible

#### Eye contact

Causes Irritation to eyes

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

See section: Description of first aid measures

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

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## Extinguishing media

Carbon dioxide, Dry chemical, Foam

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

## Hazardous combustion products

Burning produces irritating, toxic and obnoxious fumes

## 5.3. Advice for firefighters

## Protective equipment for fire-fighters

Wear suitable respiratory equipment when necessary

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses.

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

Absorb with sand or other inert absorbent. Transfer liquids to covered and labelled metal containers for recovery or disposal, or remove with inert absorbent. Flush with plenty of water to clean spillage area.

### 6.4. Reference to other sections

For personal protection, see section 8. See section 7 for information on safe handling. See advice in section 8

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Provide good ventilation. Avoid inhalation of vapours and spray mists. Wash hands before work breaks and after finishing work.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep containers tightly closed.

### 7.3. 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

#### Protective equipment



#### Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

#### Respiratory equipment

Wear suitable respiratory protection.

#### Hand protection

Protective gloves are recommended. Use protective gloves made of: Polyvinyl chloride (PVC). Neoprene. Nitrile.

#### Eye protection

Wear approved safety goggles.

#### Personal protection

Wear protective clothing

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

#### Appearance

Liquid

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<b>Colour</b>	Colourless.
<b>Odour</b>	Slight odour.
<b>Solubility</b>	Negligible
<b>Initial boiling point and boiling range</b>	>260
<b>Melting point (°C)</b>	Not determined.
<b>Vapour density (air=1)</b>	>1
<b>Vapour pressure</b>	0.03 mm Hg
<b>Evaporation rate</b>	<1 (butyl acetate = 1)
<b>pH-Value, Conc. Solution</b>	Neutral

### **Viscosity**

Not available.

### **Decomposition temperature (°C)**

Not available.

### **Odour Threshold, Lower**

Not available.

### **Odour Threshold, Upper**

Not available.

**Flash point** >204.4

### **Auto Ignition Temperature (°C)**

Not available.

### **Flammability Limit - Lower(%)**

Not available.

### **Flammability Limit - Upper(%)**

Not available.

### **Partition Coefficient (N-Octanol/Water)**

Not determined.

### **Explosive properties**

Not available.

### **Oxidising properties**

Not available.

## **9.2. Other information**

No data available / Not applicable

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

Stable at normal conditions

### **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

### **10.3. Possibility of hazardous reactions**

See section reactivity

### **10.4. Conditions to avoid**

Excessive heat

### **10.5. Incompatible materials**

#### **Materials To Avoid**

Strong Lewis or mineral acids Strong Oxidising agents Strong mineral and organic bases (especially primary and secondary aliphatic amines)

### **10.6. Hazardous decomposition products**

Oxides of: Carbon. Chlorine.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Specific target organ toxicity - repeated exposure:**

#### **Target Organs**

Eyes Skin Respiratory system, lungs

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## Inhalation

Irritating to respiratory system.

## Ingestion

Irritating to mouth, throat and stomach

## Skin contact

May cause skin irritatin in susceptible persons May cause allergic reaction

## Eye contact

May cause severe eye irritation with pain, swelling, redness and excessive blinking and tear production.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

#### 12.1. Toxicity

No data is available on the product itself

#### 12.2. Persistence and degradability

No further relevant information available

#### 12.3. Bioaccumulative potential

##### Bioaccumulative potential

No data available on bioaccumulation.

##### Partition coefficient

Not determined.

#### 12.4. Mobility in soil

##### Mobility:

No further relevant information available

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

This product does not contain any PBT or vPvB substances.

#### 12.6. Other adverse effects

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

Dispose of in accordance with local and national regulations

#### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### General

Not regulated.

### Road Transport Notes

Not regulated.

#### 14.1. UN number

#### 14.2. UN proper shipping name

Proper Shipping Name

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

#### 14.4. Packing group

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### 14.5. Environmental hazards

#### Environmentally Hazardous Substance/Marine Pollutant

No.

### 14.6. Special precautions for user

Not available.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

## 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 and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling 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>Date</b>	22/02/2013
<b>Risk Phrases In Full</b>	
R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Hazard Statements In Full</b>	
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

#### Disclaimer

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