

## SAFETY DATA SHEET B2013 (RESIN)

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

#### 1.1. Product identifier

Product name                      B2013 (RESIN)  
Container size                      28ml 50ml

#### 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/EPICHLOROXYDRIN 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.
<b>BISPHENOL F-EPOXY RESIN</b>	<b>5-10%</b>
<b>CAS-No.: 9003-36-5</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R36/38. N;R51/53.

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 required, provide artificial respiration. If symptoms persist, seek medical advice.

#### Ingestion

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

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Wash contaminated clothing before re-use. If skin irritation continues, consult a doctor.

#### Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

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

#### Inhalation.

Vapors and mists will irritate the respiratory tract and nasal passages.

#### Ingestion

No specific symptoms noted. Under normal conditions of use.

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## 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

#### Extinguishing media

Water spray, fog or mist. Foam. Dry chemicals. Carbon dioxide (CO2).

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

#### Hazardous combustion products

Oxides of: Aldehydes Organic acids

#### Specific hazards

Oxides of: Organic acids Aldehydes

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Water spray should be used to cool containers.

#### 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

Evacuate and ventilate spill area Dike spill to prevent entry into water system Wear appropriate protective and respiratory equipment Remove sources of ignition. Sweep up and shovel into suitable containers for disposal. Absorb with sand or other inert absorbent.

### 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. Keep away from heat, sparks and open flame. 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. Keep away from heat, sparks and open flame.

### 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



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### 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

Use a NIOSH approved respirator if ventilation is inadequate

### Hand protection

Use chemical resistant impermeable gloves

### Eye protection

Wear approved safety goggles. Use face shield in case of splash risk.

### Personal protection

Use chemical resistant impermeable clothing, either an apron or body suit

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	White / off-white.
<b>Odour</b>	Mild.
<b>Solubility</b>	Insoluble in water
<b>Initial boiling point and boiling range</b>	< 260
<b>Melting point (°C)</b>	Not determined.
<b>Vapour density (air=1)</b>	Not available.
<b>Vapour pressure</b>	Not determined.
<b>Evaporation rate</b>	Not available.
<b>pH-Value, Conc. Solution</b>	Not applicable.
<b>Viscosity</b>	Not available.
<b>Decomposition temperature (°C)</b>	Not available.
<b>Odour Threshold, Lower</b>	Not available.
<b>Odour Threshold, Upper</b>	Not available.
<b>Flash point</b>	249
<b>Auto Ignition Temperature (°C)</b>	Not available.
<b>Flammability Limit - Lower(%)</b>	Not available.
<b>Flammability Limit - Upper(%)</b>	Not available.
<b>Partition Coefficient (N-Octanol/Water)</b>	Not determined.
<b>Explosive properties</b>	Not available.
<b>Oxidising properties</b>	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**

Normal under normal processing

**Hazardous Polymerisation**

Normal under normal processing

**10.4. Conditions to avoid**

Heat, flames and sparks

**10.5. Incompatible materials**

**Materials To Avoid**

Strong Oxidising agents Strong acids. Strong bases Amines.

**10.6. Hazardous decomposition products**

Oxides of: Carbon. Aldehydes Organic acids

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Toxicological information**

No information available.

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

**Target Organs**

No specific target organs noted

**Inhalation**

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**Ingestion**

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**Skin contact**

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**Eye contact**

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**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**

There are no data on the ecotoxicity of this product.

**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 hazardous according to RID, ADR, ADN, IMDG. IATA-DGR

**Road Transport Notes**

Not Classified

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

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

Not applicable.

**14.4. Packing group**

Not applicable.

**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****Date**

22/02/2013

**Risk Phrases In Full**

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.

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### Hazard Statements In Full

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.