

## SAFETY DATA SHEET B2025 (RESIN)

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

#### 1.1. Product identifier

Product name                            B2025 (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>30-60%</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

#### Inhalation

Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, seek medical advice.

#### Ingestion

DO NOT INDUCE VOMITING! Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

#### Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. Wash contaminated clothes before reuse.

#### Eye contact

Flush with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if any discomfort continues.

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

#### General information

No further relevant information available.

### 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

Carbon dioxide, Dry chemical, Foam

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

#### Hazardous combustion products

Oxides of: Carbon. Chlorine.

#### Unusual Fire & Explosion Hazards

Heating above 149 C in the presence of air may cause slow oxidation decomposition and above 260 C may polymerize

**5.3. Advice for firefighters****Special Fire Fighting Procedures**

Not known.

**Protective equipment for fire-fighters**

Wear self-contained respiratory protective device

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8. Maintain good ventilation

**6.2. Environmental precautions**

Collect and dispose of spillage as indicated in section 13.

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

Take up with an inert absorbent Store in a closed waste container until disposal

**6.4. Reference to other sections**

See section 7 for information on safe handling.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Use only in well ventilated areas Avoid contact with skin and eyes. Wash hands before work breaks and after finishing work.

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

Store in a cool, dry area

**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****Respiratory equipment**

Local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits

**Hand protection**

Neoprene gloves are recommended. Nitrile.

**Eye protection**

Wear approved safety goggles.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Grey.
<b>Odour</b>	Phenolic.
<b>Solubility</b>	Negligible
<b>Initial boiling point and boiling range</b>	>260
<b>Melting point (°C)</b>	Not available.
<b>Vapour density (air=1)</b>	>1
<b>Vapour pressure</b>	<1 mm Hg

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Evaporation rate	<1 (Butyl acetate = 1)
pH-Value, Conc. Solution	Neutral
Viscosity	
Not available.	
Decomposition temperature (°C)	
Not available.	
Odour Threshold, Lower	
Not available.	
Odour Threshold, Upper	
Not available.	
Flash point	149
Auto Ignition Temperature (°C)	
Not available.	
Flammability Limit - Lower(%)	
Not available.	
Flammability Limit - Upper(%)	
Not available.	
Partition Coefficient (N-Octanol/Water)	
Not available.	
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

#### Hazardous Polymerisation

Hazardous polymerisation does not occur

### 10.4. Conditions to avoid

Excessive heat

### 10.5. Incompatible materials

#### Materials To Avoid

Strong Lewis or mineral acids Strong mineral and organic bases (especially primary and secondary aliphatic amines) Strong oxidising substances.

### 10.6. Hazardous decomposition products

Oxides of: Carbon. Chlorine.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Toxicological information

See section 3

## 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 available.

**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, ADNR, IMDG. IATA-DGR

**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 applicable.

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

No data available / Not applicable

**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 and 2000/21/EC, including amendments.

## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

### SECTION 16: OTHER INFORMATION

**Revision Date** 4/12/2013

#### 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.

#### 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.