



## SAFETY DATA SHEET

### 2 PACK WATERBORNE EPOXY FLOOR FINISH PART A

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006

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

##### 1.1. Product identifier

**Product name** 2 PACK WATERBORNE EPOXY FLOOR FINISH PART A  
**Product No.** WBEP Base

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

**Identified uses** A water-borne, liquid, air-drying, two pack, cold curing paint, for industrial, professional and consumer use. Application is by brush or roller after mixing with 2 Pack Waterborne Epoxy Hardener Part B. For decorating buildings, it is a coating for concrete, timber, composition and previously painted floors. Read product data sheet and label before use.

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** Magic Bullet Products Ltd  
 Unit B, Marlborough Court  
 Bennerley Road  
 Blenheim Industrial Estate  
 Nottingham  
 NG6 8UY  
 0115 9755555  
 0115 9757005  
 perry@magicbulletproducts.com  
 Perry Wilsher (Director)

**Contact Person**

##### 1.4. Emergency telephone number

Members of the public should contact:  
 In England and Wales: NHS Direct 0845 4647  
 In Scotland: NHS24 08454 24 24 24  
 In Republic of Ireland: 01 809 2166  
 Magic Bullet Products Ltd. 0115 9755555 may also be contacted (Office hours only)

#### SECTION 2: HAZARDS IDENTIFICATION

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

**Classification (1999/45/EEC)** Xi;R41.

##### **Human health**

Splashes may cause serious eye damage.

##### 2.2. Label elements

##### **Labelling**



Irritant

##### **Risk Phrases**

R41 Risk of serious damage to eyes.

##### **Safety Phrases**

S2 Keep out of the reach of children.  
 S25 Avoid contact with eyes.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S39 Wear eye/face protection.  
 S46 If swallowed, seek medical advice immediately and show this container or label.  
 S56 Dispose of this material and its container to hazardous or special waste collection point.

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S64

If swallowed, rinse mouth with water (only if the person is conscious).

## 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

POLYMER FROM BADGE, POLYETHYLENE GLYCOL, TETA AND CRESYL GLYCYDYL ETHER		10 - 25%
CAS-No.: 362679-94-5	EC No.:	
Classification (EC 1272/2008) Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R41.	

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

#### Ingredient notes

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC or Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

#### Composition Comments

The data shown are in accordance with the latest EC Directives.

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

##### General information

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

If unconscious place in recovery position and seek medical advice.

##### Inhalation

Remove to fresh air, keep patient warm and at rest.

If breathing is irregular or stopped, administer artificial respiration.

##### Ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

Keep at rest. Do NOT induce vomiting.

##### Skin contact

Remove contaminated clothing.

Wash skin thoroughly with soap and water or use recognised skin cleanser.

Do NOT use solvents or thinners.

##### Eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

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

##### Ingestion

Ingestion may cause nausea, diarrhoea and vomiting.

##### Skin contact

Prolonged or repeated contact with skin may cause soreness, irritation or dry skin due to a defatting action.

##### Eye contact

May cause severe irritation to eyes.

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

No specific first aid measures noted.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

##### Extinguishing media

recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist

##### 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

##### Hazardous combustion products

During fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) are formed.

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### Unusual Fire & Explosion Hazards

Fire will produce dense black smoke.  
Exposure to decomposition products may cause a health hazard.  
Appropriate breathing apparatus may be required.

### 5.3. Advice for firefighters

### Special Fire Fighting Procedures

Cool closed containers exposed to fire with water.  
Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid breathing vapours.  
Refer to protective measures listed in Sections 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter drains or watercourses.  
If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).  
Clean preferably with a detergent - avoid use of solvents.

### 6.4. Reference to other sections

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

The Manual Handling Operations Regulations may apply to the handling of containers of this product.  
To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in Section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.  
Avoid skin and eye contact.  
Avoid inhalation of vapour and spray mist.  
Smoking, eating and drinking should be prohibited in application area.  
For personal protection see Section 8.  
Never use pressure to empty: container is not a pressure vessel.  
Always keep in containers of same material as the original one.  
Comply with the health and safety at work laws.  
Do not allow to enter drains or water courses.  
Information on fire and explosion protection.  
Vapours are heavier than air and may spread along floors.  
Vapours may form explosive mixtures with air.

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

Store between 5 and 25°C in a dry, well ventilated place.  
Keep container tightly closed.  
No smoking.  
Prevent unauthorised access.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Notes on joint storage.  
Store away from oxidising agents, from strongly alkaline and strongly acid materials.  
The principles contained in the HSE Guidance Note: Chemical Warehousing: The Storage of Packed Dangerous Substances should be observed when storing this product.

### 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

#### Ingredient Comments

No exposure limits noted for ingredient(s).  
For dust the 8 hour TWA's are:-  
Respirable dust 4 mg/cu.m (WEL)  
Total inhalable dust 10 mg/cu.m (WEL)

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### 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.

If these are not sufficient to maintain concentrations of solvent vapour below the OEL, suitable respiratory protection must be worn.

#### Respiratory equipment

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

#### Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. For prolonged or repeated handling, use pvc or rubber gloves.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

#### Eye protection

Use safety eyewear, manufactured/tested to EN 166, and designed to protect against splash of liquids.

#### Skin protection

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

#### Environmental Exposure Controls

Do not allow to enter drains or water courses.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Viscous liquid.
Colour	Tile Red and Grey (BS 4800 18-B-21 Tideway)
Odour	Slight odour of ammonia.
Solubility	Disperses.
Initial boiling point and boiling range	Approx. 100°C @ 760 mm Hg
Melting point (°C)	Approx. 0°C
Relative density	1.3 - 1.4 @ 20°C
pH-Value, Conc. Solution	10 - 12
Viscosity	4 - 5 poise Rotoviscometer @ 20°C
Flash point (°C)	Not relevant

### 9.2. Other information

Volatile Organic Compound (VOC)	5 g/litre
Volatile Organic Compound (VOC)	<1 g/100 g

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under recommended storage and handling conditions (see section 7).

In a fire, hazardous decomposition products may be produced.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions

### 10.4. Conditions to avoid

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When exposed to high temperatures may produce hazardous decomposition products.

### 10.5. Incompatible materials

#### **Materials To Avoid**

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions

### 10.6. Hazardous decomposition products

such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **General information**

There are no data available on the mixture itself.

The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 2 and 3 for details.

#### **Skin contact**

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

#### **Eye contact**

May cause severe irritation to eyes. Risk of serious damage to eyes.

#### **Route of entry**

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

## SECTION 12: ECOLOGICAL INFORMATION

#### **Ecotoxicity**

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment. Do not allow to enter drains or water courses.

### 12.1. Toxicity

#### **Acute Fish Toxicity**

There is no toxicity data for this product.

### 12.2. Persistence and degradability

#### **Degradability**

There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

#### **Bioaccumulative potential**

No data available on bioaccumulation.

### 12.4. Mobility in soil

#### **Mobility:**

The product is dispersible in water and may spread in the aquatic environment.

### 12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### **General information**

Do not allow to enter drains or water courses or dispose of where ground or surface waters may be affected.

### 13.1. Waste treatment methods

Waste and emptied containers are controlled wastes and should be disposed of in accordance with "The Environment Protection (Duty of Care) Regulations" (in England, Scotland, Wales) or The Controlled Waste (Duty of Care) Regulations (in Northern Ireland).

The European Waste Classification of this product when disposed of as waste is:

#### **Waste Class**

Waste Code: Name of Waste (according to Directive 2000/532/EC):

08 01 12 Waste paint and varnish other than those mentioned in 08 01 11.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information contact your local waste authority.

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Using the information provided in this safety data sheet, advice should be obtained from the relevant environment agency whether the Hazardous Waste Regulations apply.

Empty containers must be scrapped or reconditioned.

Dispose of empty containers contaminated by the product in accordance with local or national legal provisions.

### SECTION 14: TRANSPORT INFORMATION

**General** This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

#### **14.1. UN number**

This product is not classified for transport

#### **14.2. UN proper shipping name**

This product is not classified for transport

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

This product is not classified for transport

#### **14.4. Packing group**

This product is not classified for transport

#### **14.5. Environmental hazards**

**Environmentally Hazardous Substance/Marine Pollutant**

No.

#### **14.6. Special precautions for user**

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

#### **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**

##### **UK Regulatory References**

The information contained in this safety data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation.

The information in this Safety Data Sheet is required pursuant to the provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations which apply to the use of this product at work.

The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information. See also Section 15.3 below.

##### **Environmental Listing**

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839), TSO.

Hazardous Waste Regulations 2005 (SI 2005:894) and amendments

##### **Statutory Instruments**

The Control of Substances Hazardous to Health Regulations 2002(SI 2002:1689) and amendments.

The Manual Handling Operations Regulations 1992, (SI 1992:2793)and amendment, The Stationery Office.

##### **Approved Code Of Practice**

Control of Substances Hazardous to Health (Fifth Edition) (HSE Books L5)

Storage of Dangerous Substances (2003) (HSE Books L135)

##### **Guidance Notes**

Workplace Exposure Limits EH40.

COSHH Essentials: easy steps to control chemicals, HSG 193. HSE books. Control Guidance Sheets, which may be relevant to the particular conditions of use, can also be found in this publication.

Best Practice Guideline 5 "Safe Use of Gloves (June 2010) published by the European Solvents Industry Group (ESIG) available at [www.esig.org/en/library/publications/best-practice-guides](http://www.esig.org/en/library/publications/best-practice-guides)

##### **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.

#### **15.3 Paints Directive 2004/42/EC**

VOC Content: EU limit for this product (Cat A/j) is: 140 g/litre

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The mixed product contains maximum 20 g/litre VOC

### SECTION 16: OTHER INFORMATION

#### General information

The product should not be used for purposes other than those shown in Section 1.

#### Revision Comments

This is first issue.

#### Issued By

Product Steward

#### Revision Date

17 December 2013

#### Revision

1.00

#### Risk Phrases In Full

R41 Risk of serious damage to eyes.

#### Hazard Statements In Full

H318 Causes serious eye damage.

#### Disclaimer

The information of this SDS is based on the present state of our knowledge and on current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not to be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements or relevant legislation are complied with.

The information in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation.