

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Product name : AC84 Base  
Product code : AC84B

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

#### 1.2.1. Relevant identified uses

Main use category : Consumer use, Professional use  
Use of the substance/mixture : Molding

#### 1.2.2. Uses advised against

No additional information available

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

Jesmonite Limited  
Challenge Court  
SY9 5DW Bishops Castle – Shropshire  
United Kingdom

### 1.4. Emergency telephone number

Emergency number : For advice on medical emergencies, fires, spillages or chemical hazards only phone:  
+44 1865 407333

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|                                                                                            |      |
|--------------------------------------------------------------------------------------------|------|
| Skin corrosion/irritation, Category 2                                                      | H315 |
| Serious eye damage/eye irritation, Category 1                                              | H318 |
| Skin sensitisation, Category 1                                                             | H317 |
| Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | H335 |

Full text of H- and EUH-statements: see section 16

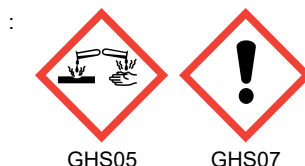
#### Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: CEMENT - PORTLAND

Hazard statements (CLP)

: H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.  
H335 - May cause respiratory irritation.

Precautionary statements (CLP)

: P261 - Avoid breathing dust.  
P264 - Wash hands, forearms and face thoroughly after handling.

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P280 - Wear protective clothing, eye protection, face protection, protective gloves.  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.  
P312 - Call doctor if you feel unwell.

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name              | Product identifier                       | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]                  |
|-------------------|------------------------------------------|---------|----------------------------------------------------------------------------------|
| CEMENT - PORTLAND | CAS-No.: 65997-15-1<br>EC-No.: 266-043-4 | 30 – 50 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT SE 3, H335 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                                                                                                                            |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : IF exposed or concerned: Get medical advice/attention. Show this material safety data sheet to the doctor in attendance.                                                                                                                                                                                 |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Get medical advice/attention if you feel unwell.                                                                                                                                      |
| First-aid measures after skin contact | : Take off immediately all contaminated clothing. Do not remove clothing if it sticks to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection. Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Immediately rinse with plenty of water (for at least 15 minutes). Get immediate medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.                                                                                              |
| First-aid measures after ingestion    | : Do not induce vomiting. Rinse mouth out with water. Get medical advice/attention. Make the person rest. Call a poison center or a doctor if you feel unwell.                                                                                                                                             |

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

|                                     |                                                    |
|-------------------------------------|----------------------------------------------------|
| Symptoms/effects after inhalation   | : May cause respiratory irritation.                |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : Serious damage to eyes.                          |

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Product is non-flammable under normal conditions of storage, handling and use. Polyvalent powders. Water spray. Dry powder. Foam.
- Unsuitable extinguishing media : tap water.

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

- Fire hazard : Not flammable.
- Explosion hazard : Not explosive.
- Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

- Firefighting instructions : Wear protective gloves/protective clothing/eye protection/face protection. Wear self-contained breathing apparatus.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

- General measures : Sweep or shovel spills into appropriate container for disposal.
- 6.1.1. For non-emergency personnel**
- Emergency procedures : Ventilate spillage area. Avoid breathing dust. Avoid contact with skin and eyes.
- 6.1.2. For emergency responders**
- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- Methods for cleaning up : Mechanically recover the product. Shovel or sweep up and put in a closed container for disposal.
- Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Use only in well ventilated areas. Avoid dust formation. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Avoid contact with skin and eyes. Avoid breathing dust. Wear personal protective equipment.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Store in a well-ventilated place. Keep cool.
- Maximum storage period : At least 12 months - longer if unopened & stored correctly.
- Storage temperature : 5 – 25 °C

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|                            |                                                                  |
|----------------------------|------------------------------------------------------------------|
| Heat and ignition sources  | : Keep away from ignition sources (including static discharges). |
| Storage area               | : Store away from heat.                                          |
| Special rules on packaging | : Store in a closed container.                                   |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| CEMENT - PORTLAND (65997-15-1)                |                      |
|-----------------------------------------------|----------------------|
| United Kingdom - Occupational Exposure Limits |                      |
| WEL TWA (OEL TWA) [1]                         | 10 mg/m <sup>3</sup> |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

###### Eye protection:

Safety glasses (EN 166). ISO40072012

##### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing

###### Hand protection:

Protective gloves

##### 8.2.2.3. Respiratory protection

###### Respiratory protection:

EN 149:2001 + A1:2009 FFP3

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### Respiratory protection

| Device    | Filter type | Condition       | Standard |
|-----------|-------------|-----------------|----------|
| Dust mask | Type P3     | Dust protection | EN 149   |

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| Physical state                                  | : Solid               |
| Colour                                          | : characteristic.     |
| Appearance                                      | : Powder.             |
| Odour                                           | : odourless.          |
| Odour threshold                                 | : < mg/m <sup>3</sup> |
| Melting point                                   | : Not available       |
| Freezing point                                  | : Not applicable      |
| Boiling point                                   | : Not available       |
| Flammability                                    | : Non flammable.      |
| Explosive limits                                | : Not applicable      |
| Lower explosion limit                           | : Not applicable      |
| Upper explosion limit                           | : Not applicable      |
| Flash point                                     | : Not applicable      |
| Auto-ignition temperature                       | : 1010 °C             |
| Decomposition temperature                       | : Not available       |
| pH                                              | : Not available       |
| pH solution                                     | : Not available       |
| Viscosity, kinematic                            | : Not applicable      |
| Solubility                                      | : Not available       |
| Partition coefficient n-octanol/water (Log Kow) | : Not available       |
| Vapour pressure                                 | : Not available       |
| Vapour pressure at 50°C                         | : Not available       |
| Density                                         | : Not available       |
| Relative density                                | : 2.735               |
| Relative vapour density at 20°C                 | : Not applicable      |
| Particle size                                   | : Not available       |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

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### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Water, humidity.

### 10.5. Incompatible materials

Acids. Alkali metals.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                                   |                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------|
| Acute toxicity (oral)             | : Ingestion may cause nausea and vomiting. Abdominal pain. Irritation to throat |
| Acute toxicity (dermal)           | : Not classified                                                                |
| Acute toxicity (inhalation)       | : Irritation of the respiratory tract                                           |
| Skin corrosion/irritation         | : Causes skin irritation.                                                       |
| Serious eye damage/irritation     | : Causes serious eye damage.                                                    |
| Respiratory or skin sensitisation | : Intensive skin contact, may cause skin problems (contact dermatitis)          |
| Germ cell mutagenicity            | : Not classified                                                                |
| Carcinogenicity                   | : Not classified                                                                |
| Reproductive toxicity             | : Not classified                                                                |
| STOT-single exposure              | : May cause respiratory irritation.                                             |

#### CEMENT - PORTLAND (65997-15-1)

|                        |                                   |
|------------------------|-----------------------------------|
| STOT-single exposure   | May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified                  |
| Aspiration hazard      | : Not classified                  |

#### AC930 White Base

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                                                                         |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Ecology - general                                         | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                                                                                        |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified                                                                                                        |
| Not rapidly degradable                                    |                                                                                                                         |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional legislation (waste)      | : Disposal must be done according to official regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Waste treatment methods           | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| European List of Waste (LoW) code | : 16 03 03* - inorganic wastes containing dangerous substances                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| HP Code                           | : HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.<br>HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.<br>HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs. |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|-----------------------------------------|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

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### Air transport

Not applicable

### Inland waterway transport

Not applicable

### Rail transport

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|     |                                                                                                 |
|-----|-------------------------------------------------------------------------------------------------|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE | Acute Toxicity Estimate                                                                         |
| BCF | Bioconcentration factor                                                                         |
| BLV | Biological limit value                                                                          |

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### Abbreviations and acronyms:

|         |                                                                              |
|---------|------------------------------------------------------------------------------|
| BOD     | Biochemical oxygen demand (BOD)                                              |
| COD     | Chemical oxygen demand (COD)                                                 |
| DMEL    | Derived Minimal Effect level                                                 |
| DNEL    | Derived-No Effect Level                                                      |
| EC-No.  | European Community number                                                    |
| EC50    | Median effective concentration                                               |
| EN      | European Standard                                                            |
| IARC    | International Agency for Research on Cancer                                  |
| IATA    | International Air Transport Association                                      |
| IMDG    | International Maritime Dangerous Goods                                       |
| LC50    | Median lethal concentration                                                  |
| LD50    | Median lethal dose                                                           |
| LOAEL   | Lowest Observed Adverse Effect Level                                         |
| NOAEC   | No-Observed Adverse Effect Concentration                                     |
| NOAEL   | No-Observed Adverse Effect Level                                             |
| NOEC    | No-Observed Effect Concentration                                             |
| OECD    | Organisation for Economic Co-operation and Development                       |
| OEL     | Occupational Exposure Limit                                                  |
| PBT     | Persistent Bioaccumulative Toxic                                             |
| PNEC    | Predicted No-Effect Concentration                                            |
| RID     | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS     | Safety Data Sheet                                                            |
| STP     | Sewage treatment plant                                                       |
| ThOD    | Theoretical oxygen demand (ThOD)                                             |
| TLM     | Median Tolerance Limit                                                       |
| VOC     | Volatile Organic Compounds                                                   |
| CAS-No. | Chemical Abstract Service number                                             |
| N.O.S.  | Not Otherwise Specified                                                      |
| vPvB    | Very Persistent and Very Bioaccumulative                                     |
| ED      | Endocrine disrupting properties                                              |

### Full text of H- and EUH-statements:

|               |                                               |
|---------------|-----------------------------------------------|
| Eye Dam. 1    | Serious eye damage/eye irritation, Category 1 |
| H315          | Causes skin irritation.                       |
| H317          | May cause an allergic skin reaction.          |
| H318          | Causes serious eye damage.                    |
| H335          | May cause respiratory irritation.             |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2         |
| Skin Sens. 1  | Skin sensitisation, Category 1                |

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### Full text of H- and EUH-statements:

STOT SE 3

Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.