SAFETY DATA SHEET
POLYESTER MORTAR (FILLER COMPONENT)

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

1.1. Product identifier

Product name: POLYESTER MORTAR (FILLER COMPONENT)
Product number: TP40S, TP40W, TP147S, TP147W

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

Identified uses: Polyester-resin based mortar - filler component

1.3. Details of the supplier of the safety data sheet

Supplier: PAREX Ltd
Holly Lane Industrial Estate
Atherstone
Warwickshire
CV9 2QZ
Tel: +44 (0)1827 711755
(Mon-Fri 08:30-16:30)
Fax: +44 (0)1827 711330
sds@parex.co.uk

1.4. Emergency telephone number

Emergency telephone: +44 (0)1827 711755 (Mon-Fri 08:30 - 16:30)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards: Not Classified

Health hazards: Acute Tox. 4 - H332 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

Environmental hazards: Not Classified

2.2. Label elements

Pictogram:

Signal word: Warning

Hazard statements:
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

Precautionary statements:
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P264 Wash contaminated skin thoroughly after handling.
P402+P404 Store in a dry place. Store in a closed container.
Use within six months of date of manufacture.
P501 Dispose of contents/ container in accordance with national regulations.
POLYESTER MORTAR (FILLER COMPONENT)

Contains
SILICA SAND, BENZOYL PEROXIDE

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>Component</th>
<th>Amount</th>
<th>CAS number</th>
<th>EC number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILICA SAND</td>
<td>60-100%</td>
<td>14808-60-7</td>
<td>238-878-4</td>
<td>Acute Tox. 4 - H332</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>&lt;1%</td>
<td>13463-67-7</td>
<td></td>
<td>Carc. 2 - H351</td>
</tr>
<tr>
<td>BENZOYL PEROXIDE</td>
<td>&lt;1%</td>
<td>94-36-0</td>
<td>202-327-6</td>
<td></td>
</tr>
</tbody>
</table>

CAS number: 14808-60-7  
EC number: 238-878-4

Classification
Acute Tox. 4 - H332

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion
Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100 ml for an adult person): Take to hospital along with these instructions.

Skin contact
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.

Eye contact
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Protection of first aiders
First aid personnel should wear appropriate protective equipment during any rescue.

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

General Information
See Section 11 for additional information on health hazards.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media
POLYESTER MORTAR (FILLER COMPONENT)

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Special protective equipment for firefighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

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

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Avoid generation and spreading of dust. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor.

6.4. Reference to other sections

Reference to other sections

For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid contact with skin, eyes and clothing.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

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

7.3. Specific end use(s)

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

Occupational exposure limits

SILICA SAND

Long-term exposure limit (8-hour TWA): 0.1 mg/m³
Short-term exposure limit (15-minute): 0.1 mg/m³ (Ireland)

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ (inh) 4 mg/m³ (resp)
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ (inh) 4 mg/m³ (resp) (Ireland)

BENZOYL PEROXIDE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³
Short-term exposure limit (15-minute): WEL
Long-term exposure limit (8-hour TWA): 5 mg/m³ (Ireland)
WEL = Workplace Exposure Limit

Ingredient comments

WEL = Workplace Exposure Limits

8.2. Exposure controls
POLYESTER MORTAR (FILLER COMPONENT)

Protective equipment

Appropriate engineering controls
As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection
Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection
Wear protective gloves.

Other skin and body protection
Wear appropriate clothing to prevent skin contamination.

Hygiene measures
Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection
If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Powder.

Colour
Grey.

Odour
Odourless.

pH
Approximately 12 - 13 in aqueous solution.

Melting point
Not applicable.

Initial boiling point and range
Not applicable.

Flash point
Not applicable.

Evaporation rate
Not applicable.

Flammability (solid, gas)
Not applicable.

Vapour pressure
Not applicable.

Relative density
>1

Bulk density
1.6 kg/l

9.2. Other information

SECTION 10: Stability and Reactivity

10.1. Reactivity

10.2. Chemical stability
Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological Information

11.1. Information on toxicological effects
**POLYESTER MORTAR (FILLER COMPONENT)**

### Acute toxicity - inhalation

| ATE Inhalation (dusts/mists mg/l) | 1.84139455 |

### Skin corrosion/irritation

| Human skin model test | Irritating. |

### Serious eye damage/irritation

| Serious eye damage/irritation | Corrosivity to eyes is assumed. |

### Skin sensitisation

| Skin sensitisation | Sensitising. |

### Specific target organ toxicity - single exposure

| Target organs | Respiratory system, lungs |

| Aspiration hazard | May be harmful if swallowed and enters airways. |

| Inhalation | Irritating to respiratory system. |

| Skin contact | May cause an allergic skin reaction. |

| Eye contact | Causes serious eye damage. |

### SECTION 12: Ecological Information

**Ecotoxicity**

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility In soil

**Mobility**

The product is insoluble in water.

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

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information**

Dispose of waste product or used containers in accordance with local regulations

### SECTION 14: Transport information

#### General

Not classified as hazardous for transport.

#### Road transport notes

Not classified.

#### Rail transport notes

Not classified.

#### Sea transport notes

Not classified.

#### Air transport notes

Not classified.

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)
POLYESTER MORTAR (FILLER COMPONENT)

Transport labels
No transport warning sign required.

14.4. Packing group
14.5. Environmental hazards
14.6. Special precautions for user
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

<table>
<thead>
<tr>
<th>National regulations</th>
<th>EU legislation</th>
</tr>
</thead>
</table>

Guidance
Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Approved Classification and Labelling Guide (Sixth edition) L131.
Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by QSHE Manager
Revision date 31/08/2018
Supersedes date 24/03/2016
SDS number 20687

Hazard statements in full
H241 Heating may cause a fire or explosion.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

Signature QSHE

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.