

# Target Fixings

## Construction Solutions

### Target Fixings Limited

Grafton Road  
Burbage  
Marlborough  
Wiltshire  
SN8 3BA

**Tel:** +44 (0) 1672 812900

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info@targetfixings.com

## Product Safety Data Sheet

### 1. Identification of the substance/preparation and Company

**Product Name & Code:** Heli Pile®

**Company undertaking Identification:** Target Fixings Ltd, Grafton Road, Burbage, Marlborough, Wiltshire, SN8 3BA

**Tel:** 01672 812 900      **Fax:** 01672 811 112

### 2. Composition/information on ingredients

Grade LM25 aluminium alloy. Contains aluminium, silicon, iron, manganese, magnesium, copper, titanium, nickel, zinc, lead, tin and other trace elements.

### 3. Hazards identification

No hazardous components.

### 4. First aid measures

Not applicable.

### 5. Firefighting measures

Not applicable.

### 6. Accidental release measures

Not applicable.

### 7. Handling and storage

**Storage precautions:** Store in dry, well ventilated conditions.

**Handling:** Apply normal care when lifting heavy packages.

### 8. Exposure controls/personal protection

**Recommended protective clothing:** During installation, safety boots, gloves and ear protection should be worn at all times.

### 9. Physical and chemical properties

**Appearance:** Helical cast aluminium alloy length

**Specific gravity:** N/A

**Melting point/melting range:** 710°C

**Flash point:** N/A

**Explosive properties:** N/A

**Oxidising Properties:** N/A

**Evaporation rate:** N/A

**pH:** N/A

**Dielectric strength:** N/A

**Odour:** None

**Viscosity:** N/A

**Boiling point range:** N/A

**Flammability:** N/A

**Auto flammability:** N/A

**Vapour Pressure:** N/A

**Solubility:** N/A

**Partition coefficient:** N/A

**Additional Information:** N/A

### 10. Stability and reactivity

Not applicable.

### 11. Toxicological information

Not applicable.

### 12. Ecological information

Not applicable.

### 13. Disposal considerations

Not applicable.

### 14. Transportation information

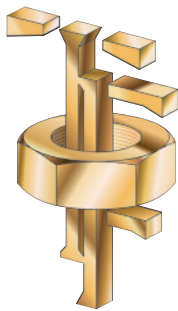
Not classified as dangerous goods according to Transport Regulations.

### 15. Regulatory information

Not applicable.

### 16. Other information

For use as supplied. Do not modify.



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### Product Safety Data Sheet

Component 2 of 2 (powder component)

#### 1. Identification of the substance/preparation and Company

**Product Name & Code:** Bond Flex XL High Performance Grout - 3048-9

**Company undertaking Identification:** Target Fixings Ltd, Grafton Road, Burbage, Marlborough, Wiltshire, SN8 3BA

**Tel:** 01672 812 900 **Fax:** 01672 811 112

#### 2. Nature & composition

Silica sands, grades of cement and cement modifiers, plasticisers and other cement compounds. The lime, calcium silicates and alkalis within the cement are dial soluble and when mixed with water will give rise to a potentially hazardous alkaline solution.

#### 3. Hazards identification

Until set, cement mortar and concrete mixes may cause both irritant, contact dermatitis due to alkalinity or abrasiveness of the materials, or allergic contact dermatitis due to hexavalent chromium salts.

**On the skin:** May cause serious burns and ulceration.

**On the eyes:** May cause serious irritation. The eyes are particularly vulnerable and damage with increase in contact time, and chemical burns can develop without pain being felt at the time.

#### 4. First aid measures

**Inhalation:** Leave work area and change clothing.

**Skin:** Remove contaminated clothing, wash skin with copious amounts of water. If irritation occurs, seek medical advice.

**Eyes:** Irrigate with clean water for at least 15 minutes with the eyelids fully open. Seek medical attention.

**Ingestion:** In the event of ingestion, do not induce vomiting, seek medical attention.

#### 5. Firefighting measures

Not applicable

#### 6. Accidental release measures

Recover the spillage in a dry state if possible. Minimise the generation of airborne dust.

#### 7. Handling and storage

**Storage precautions:** Store in a cool, dry place.

**Handling:** Low toxicity, dry and dusty, contains silica. Wear appropriate mask. Alkaline when wet and may cause allergic dermatitic condition.

#### 8. Exposure controls/personal protection

**Recommended protective clothing:** Suitable respiratory protection should be worn to ensure that personal exposure is less than the occupational exposure standard. Dust proof goggles/glasses, rubber gloves, overalls, barrier cream should be worn.

**General protection and hygienic measures:** Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of work. Avoid contact with eyes and skin.

#### 9. Physical and chemical properties

**Physical state:** Free-flowing powder

**Appearance:** Grey, granular

**Density @ 25°C:** Packing density approx. 2500 kg/m<sup>3</sup>

**Odour:** Slight ammoniacal

**Vapour density (air=1):**

**pH:** 10.5 - 13

**Vapour pressure @ 25°C:** N/A

**Viscosity @ ≈25°C:** N/A

**Soluble in water:** Part

#### 10. Stability and reactivity

**Hazardous decomposition products:** None.

**Conditions contributing to chemical instability:** None.

#### 11. Toxicological information

**Acute toxicity:**

**Primary irritation effect:**

**On the skin:** Avoid contact with wet material. Wear appropriate clothing.

**On the eye:** Severe eye irritant. Can lead to soreness and chemical burning. Wear appropriate mask and/or goggles.

**Inhalation:** May cause inflammation of mucous membranes.

**Sensitisation:** Possible sensitisation through skin contact.

#### 12. Ecological information

**Aquatic Toxicity Rating LC50:** Not determined.

The addition of cements to water will cause a pH increase, which may be toxic to aquatic life in some circumstances.

#### 13. Disposal considerations

Do not allow into drains or watercourses. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with Local and National regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.

#### 14. Transportation information

**Classification for conveyance:** Not required.

#### 15. Regulatory information

**Risk Phrases:** Contact between product powder and body fluids (e.g. sweat and eye fluid) may also cause irritation, dermatitis or burns.

There is a risk of serious damage to eyes.

#### 16. Other information

Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

www.targetfixings.com

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