



# Safety Data Sheet

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## SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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Product Name: **POWERFLEX** CAS # **14808-60-7 - Quartz (respirable fraction)**

**Recommended use of the chemical and restriction on use:** Ceramic tile adhesive construction product

Supplier: Morgan Ceramic Tile Adhesives 24 Hanwell Way Bassendean WA 6054

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**EMERGENCY TELEPHONE NUMBER**

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## SECTION 2 – HAZARDS IDENTIFICATION

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### Classification of the substance or mixture

Skin corrosion/irritation – category 2

Serious eye damage – category 1

Skin sensitizer – category 1

Specific target organ toxicity (single exposure) – category 3

Signal Word - **DANGER**



### Hazard Statements

**H315:** Causes skin irritation

**H317:** May cause an allergic skin reaction

**H318:** Causes serious eye damage

**H335:** May cause respiratory irritation

### Precautionary Statements

**P261:** Avoid breathing dust

**P271:** Mix only outdoors or in a well ventilated area

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**P280:** Wear protective gloves/protective clothing/eye protection/face protection

**P302+P352: IF ON SKIN:** Wash with plenty of soap and water

**P304+P340: IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing

**P305+P351+P338: IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

**P310:** Immediately call a POISON CENTRE or doctor/physician

**P312:** Call a POISON CENTRE or doctor/physician if you feel unwell

**P333+P313:** If skin irritation or rash occurs: Get medical attention

**P362:** Take off contaminated clothing and wash before reuse

**P403+P223:** Store in a well ventilated place. Keep container tightly closed

**P405:** Store locked up

**P501:** Dispose of contents/container in accordance with local regulations

**HAZARDOUS CHEMICAL. NON DANGEROUS GOODS. NOT A SCHEDULED POISON**

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### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical	Cas#	%w/w
<b>Quartz (respirable fraction)</b>	<b>14808-60-7</b>	<b>&lt; 10</b>
<b>Cement</b>	<b>65997-15-1</b>	<b>10 - &lt; 30</b>
<b>NON HAZARDOUS Chemicals</b>		<b>to 100</b>

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### SECTION 4 – FIRST AID MEASURES

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**Ingestion:** Do not induce vomiting. Rinse the mouth with water. Give fruit juice or water to drink. Seek immediate medical assistance.

**Eye Contact:** Hold the eyelids open and irrigate the eyes with copious amounts of water for at least fifteen minutes. Seek immediate medical assistance.

**Skin Contact:** Remove the contaminated clothing. Rinse the exposed areas thoroughly with water. Clean the contaminated clothing before re-using.

**Inhaled:** Move the person to a source of fresh air. Seek medical advice if symptoms such as coughing persist.

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### SECTION 5 – FIRE FIGHTING MEASURES

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**HAZCHEM CODE: NONE ALLOCATED**

This product is not combustible. Decomposition of this product will result in the generation of toxic oxides of carbon. Flames on or in the vicinity of this product can be extinguished using conventional fire fighting agents and procedures.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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Avoid dust formation. For large spills, wear PVC gloves, dust goggles, overalls and a disposable Class P1 respirator (AS1715-1991). Do not allow the product to enter drains or surface water. Remove dry using conventional tools.

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## SECTION 7 – HANDLING AND STORAGE

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Store cool and dry. During storage and transport keep the product away from water based products and corrosive substances.

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## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Exposure Standards:** An exposure standard for this product has not been allocated. The use of this product can lead to the generation of respirable dust. Morgan therefore advises that the time weighted average (TWA) airborne concentration of the product should not exceed 0.1mg per cubic metre of contaminated air.

**Engineering Controls:** Morgan advises that the product should be carefully mixed into the recommended volume of water in a large bucket and in a well ventilated area so as to minimise the tiler's exposure to respirable dust.

**Personal Protective Equipment:** Always handle and use this product with common sense and good industrial hygiene practices. Tilers should avoid all unnecessary skin contact with this product. Chronic health effects can be avoided by the use of a barrier cream.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Grey powder	Solubility:	Slightly soluble
Odour:	Similar to cement	Specific gravity:	> 1
Vapour Pressure:	Not relevant	Vapour Density:	Not relevant
Melting Point:	>1200 degrees Celsius	Boiling Point:	Not available
Flammability:	Not combustible	Explosion Limits:	Not relevant
pH:	12 (1% solution)	Ignition Temperature:	Not relevant

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## SECTION 10 – STABILITY AND REACTIVITY

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Chemical stability:	Stable when stored in a dry and cool environment.
Conditions to avoid:	Moist and warm storage environment.
Incompatible materials:	Avoid exposing product to acids.
Hazardous decomposition products:	Product will release oxides of carbon.

Hazardous reactions: Product will react with acids.

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#### SECTION 11- TOXICOLOGICAL INFORMATION

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Adverse health effects due to the use of this product are not expected if the product is handled in accordance with this Safety Data Sheet and the products label. Symptoms that may arise if the product is mishandled are:

Ingestion: This product may cause mild burns to the mouth, throat and digestive tract.

Eye contact: This product may cause an inflammation of the eye.

Skin contact: This product may dry out the skin and cause mild alkali burns.

Inhaled: This product may cause an inflammation of the respiratory system.

Chronic health effects: In most individuals this product will cause a mild inflammation of the skin or dermatitis.

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#### SECTION 12 – ECOLOGICAL INFORMATION

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This product can cause a pH shock to aquatic environments. Ensure appropriate measures are taken to prevent this product from entering the environment.

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#### SECTION 13 – DISPOSAL CONSIDERATIONS

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This product can be treated as a common waste and can be cleaned up with a broom and shovel. Spills should be repacked into plastic lined buckets or into sealable plastic buckets. Before disposing please consult the chemical disposal regulations of the relevant Commonwealth, State, Territory or local government departments.

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#### SECTION 14 – TRANSPORT INFORMATION

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##### **NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

UN Number: None allocated                      Hazchem Code: None allocated

Correct Shipping Name: None allocated                      Packaging Group: None allocated

Dangerous Goods Class: None allocated

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#### SECTION 15 – REGULATORY INFORMATION

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Poisons Schedule: A poisons schedule number has not been allocated to this product using the criteria in the standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS: The ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

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SECTION 16 – OTHER INFORMATION

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The information contained herein is considered to be accurate and up to date. However, no warranty is expressed or implied regarding the accuracy of the information contained herein or the results to be obtained from the use thereof. Morgan Ceramic Tile Adhesives will not assume responsibility for the personal injury or for the damage caused to the property of vendees, users or third parties from the storage or use of this product. Vendees or users assume all risk associated with the use of this product.