



Safety Data Sheet

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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

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

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SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

Specific target organ toxicity (repeated exposure) – category 2

Carcinogenicity – category 1A

Acute Toxicity Dermal – category 4

Signal Word - DANGER



Hazard Statements

H312 Harmful in contact with skin

H317 May cause an allergic skin reaction

H350 May cause cancer

H372 Causes damage to lungs through prolonged or repeated exposure

Precautionary Statements

P280 Wear protective gloves/protective clothing

P260 Do not breathe dust

P264 Wash hands thoroughly after handling

P270 Do not eat, drink or smoke when using this product

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

P314 Get medical advice/attention if you feel unwell

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

P363 Wash contaminated clothing before reuse

P501 Dispose of contents/bag to landfill and in accordance with local regulations

HAZARDOUS CHEMICAL. NON DANGEROUS GOODS. NOT A SCHEDULED POISON

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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

SECTION 4 – FIRST AID MEASURES

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.

SECTION 5 – FIRE FIGHTING MEASURES

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.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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.

SECTION 7 – HANDLING AND STORAGE

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

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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's therefore advice 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's advise 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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10 – STABILITY AND REACTIVITY

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.

SECTION 11- TOXICOLOGICAL INFORMATION

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.

SECTION 12 – ECOLOGICAL INFORMATION

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

SECTION 13 – DISPOSAL CONSIDERATIONS

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.

SECTION 14 – TRANSPORT INFORMATION

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

SECTION 15 – REGULATORY INFORMATION

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).

SECTION 16 – OTHER INFORMATION

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.