Safety Data Sheet according to WHS Regulations

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1 Identification

· Product Name:Q050 Razor Finish Smoothing Compound
· Other Means of Identification:Mixture
· Recommended Use of the Chemical and Restriction on Use: Levelling material
· Details of Manufacturer
. QX material
· 24 Byrne Street Auburn NSW
· TEL:+61 488 497 504
· Email: info@qxmaterial.com.au

2 Hazard(s) Identification

· Hazardous Nature:
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)


corrosion

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.

Skin Corrosion/Irritation 2 H315 Causes skin irritation.
Skin Sensitisation 1 H317 May cause an allergic skin reaction.
STOT SE 3 H335 May cause respiratory irritation.
Signal Word Danger

Hazard Statements
· H315 Causes skin irritation.
· H318 Causes serious eye damage.
· H317 May cause an allergic skin reaction.
· H335 May cause respiratory irritation.

Precautionary Statements

· P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
· P264	Wash hands thoroughly after handling.
· P271	Use only outdoors or in a well-ventilated area.
· P272	Contaminated work clothing should not be allowed out of the workplace.
· P280	Wear protective gloves / eye protection / face protection.
· P302+P352	IF ON SKIN: Wash with plenty of water.
· P304+P340	IF INHALED: Remove person to fresh air and keep 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 CENTER/doctor.
· P321	Specific treatment (see on this label).
· P362+P364	Take off contaminated clothing and wash it before reuse.
· P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

(Contd. on page 2)

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P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
CAS: 65997-15-1	portland cement	10- 40%
CAS: 1317-65-3	limestone	10- 45%
CAS: 24937-78-8	ethylene/ vinyl acetate copolymer	1 - 20%

Additional information:
The value given for quartz represents the total amount, not the respirable fraction. Respirable crystalline silica is a known carcinogen and can cause serious lung damage. Exposure to this product is not likely to cause harm under normal conditions, but it is recommended to determine the actual exposure through workplace testing.

4 First Aid Measures

· Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if breathing problems develop.

· Skin Contact:
In case of skin contact, remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

· Eye Contact:
In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if

· Ingestion:
If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

· Symptoms Caused by Exposure:
Inhalation: May cause respiratory irritation.
Skin Contact: Causes skin irritation. May cause an allergic skin reaction.
Eye Contact: Causes serious eye damage.
Ingestion: May cause gastrointestinal irritation.

5 Fire Fighting Measures

· Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.
Specific Hazards Arising from the Chemical:
No hazardous decomposition products known.
This product is not flammable or combustible.
Containers close to fire should be removed only if safe to do so.
Special Protective Equipment and Precautions for Fire Fighters:
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

(Contd. on page 3)

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(Contd. of page 2)

6 Accidental Release Measures

· Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

· Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

· Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and sweep into a pile and shovel into drums for subsequent disposal. Avoid generating dust. Provide adequate ventilation.

7 Handling and Storage

· Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.
Food, beverages and tobacco products should not be stored or consumed where this material is in use.
Always
wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

· Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from moisture.

8 Exposure Controls and Personal Protection

Exposure Standards:	
CAS: 14808-60-7Quartz (SiO2)	
WES	TWA: 0.05 mg/m³ respirable dust
CAS: 65997-15-1Cement, portland, chemicals	
WES	TWA: 10 mg/m³

· Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations below occupational exposure standards.

· Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

· Skin Protection:
Nitrile gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.
Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of
the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

(Contd. on page 4)

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(Contd. of page 3)

· Eye and Face Protection:

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

· Appearance:
Form: Powder
Colour: Grey
Odour: Odour of cement
Odour Threshold: No information available
pH-Value: ~12
Melting point/freezing point: No information available
Initial Boiling Point/Boiling Range: No information available
Flash Point: Not applicable
Flammability: Product is not flammable.
Auto-ignition Temperature: Not applicable
Decomposition Temperature: Not applicable
Explosion Limits:
Lower: Not applicable
Upper: Not applicable
Vapour Pressure: Not applicable.
Density at 20 °C: ~1100 kg/m³
Vapour Density: Not applicable
Evaporation Rate: Not applicable
Solubility in Water: Sets when mixed with water.
Partition Coefficient (n-octanol/water): No information available
Viscosity: Not applicable

10 Stability and Reactivity

Skin Protection:
Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.
Chemical Stability: Stable at ambient temperature and under normal conditions of use.
Conditions to Avoid: Moisture.
Incompatible Materials: No further relevant information available.
Hazardous Decomposition Products: No hazardous decomposition products known.

11 Toxicological Information

Toxicity:

LD50/LC50 Values Relevant for Classification:		
CAS: 14808-60-7 Quartz (SiO2)		
Oral	LD50	500-22,500 mg/kg (rat)

Acute Health Effects
Inhalation: May cause respiratory irritation.
Skin: Causes skin irritation. May cause an allergic skin reaction.
Eye: Causes serious eye damage.
Ingestion: May cause gastrointestinal irritation.

(Contd. on page 5)

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(Contd. of page 4)

· Skin Corrosion / Irritation: Causes skin irritation.
Serious Eye Damage / Irritation: Causes serious eye damage.
· Respiratory or Skin Sensitisation: May cause an allergic skin reaction.
Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.
· Carcinogenicity:
Silica dust, crystalline, in the form of quartz or cristobalite is classified by IARC as Group 1 - Carcinogenic to humans.
· Reproductive Toxicity: Based on classification principles, the classification criteria are not met.
· Specific Target Organ Toxicity (STOT) - Single Exposure: May cause respiratory irritation.
· Specific Target Organ Toxicity (STOT) - Repeated Exposure:
Based on classification principles, the classification criteria are not met.
· Aspiration Hazard: Based on classification principles, the classification criteria are not met.
· Chronic Health Effects: No information available
· Existing Conditions Aggravated by Exposure: No information available
· Additional toxicological information: No information available

12 Ecological Information

Ecotoxicity:

Aquatic toxicity:	
CAS: 14808-60-7 Quartz (SiO2)	
LC50/96 h	>10,000 mg/l (brachydanio rerio)

Persistence and Degradability: No further relevant information available.
Bioaccumulative Potential: No further relevant information available.
Mobility in Soil: No further relevant information available.
Other adverse effects: No further relevant information available.

13 Disposal Considerations

· Disposal Methods and Containers: Dispose according to applicable local and state government regulations.
· Special Precautions for Landfill or Incineration:
Please consult your state Land Waste Management Authority for more information..

14 Transport Information

UN Number	Not regulated
Proper Shipping Name	Not regulated
Dangerous Goods Class	Not regulated
Packing Group:	Not regulated

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15 Regulatory Information

Australian Inventory of Chemical Substances:	
CAS: 14808-60-7	Quartz (SiO2)
CAS: 65997-15-1	Cement, portland, chemicals

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule: Not Scheduled.

16 Other Information

· Date of Preparation or Last Revision: 07.07.2025

Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2
Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1
Skin Sensitisation 1: Skin sensitisation, Hazard Category 1
Carcinogenicity 1A: Carcinogenicity – Category 1A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - May 2018”
The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.