

Material Safety Data Sheet

HEAD OFFICE

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HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

COMPANY DETAILS

Company: Bexley Caringbah Sand Supply Pty Ltd
ACN 83 002 589 308
Address: 27 Atkinson Road, Taren Point NSW 2229
Phone: (02) 8543 3270

UN Number:	None Allocated
Dangerous Goods	
Class & Sub-risk:	None Allocated
Hazchem Code:	None Allocated
Emerg Guide:	None Allocated
Packaging Method:	None Allocated
Poison Schedule:	None Allocated

I. PRODUCT IDENTIFICATION

Product Name: PLASTERMASTER 25KG

Other Names: FIRE CLAY

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Fine brown powder
Boiling/Melting Point (°C): >1500°C
Vapour Pressure: Not applicable
Specific Gravity: 2.6
Flashpoint: Not applicable
Flammability Limits: Not applicable
Solubility in Water: Not applicable

Other Properties

Bulk Density: 800 kg/m³

INGREDIENTS

Kaolin

Silica (Quartz)

Note: Quartz is crystalline silica

CAS NO

1332-58-7

14808-60-7

PROPORTION

>30<100

>30<100

II. HEALTH HAZARD INFORMATION

HEALTH EFFECTS

(A) SHORT TERM (ACUTE) EXPOSURE

Swallowed: This is considered an unlikely route of entry. May be mildly discomforting.

Eyes: Dust may cause discomfort and abrasive inflammation.

Skin: Not normally considered to cause discomfort.

Inhaled: Irritating to upper respiratory tract.

(B) LONG TERM (CHRONIC) EXPOSURE

Inhaled: Repeated inhalation of dust containing crystalline silica can cause bronchitis, silicosis (scarring of the lung) and lung cancer. It may also increase the risk of scleroderma (a disease affecting the connective tissue of the skin, joints, blood vessels and internal organs).

Studies have shown that smoking cigarettes increases the risk of bronchitis, silicosis and lung cancer in persons exposed to crystalline silica.

FIRST AID

Swallowed: Wash mouth and lips with water. Do not induce vomiting. Give water or milk to dilute stomach contents. Seek medical attention if symptoms persist.

Eyes: Irrigate with copious quantities of clean water or saline solution for at least 15 minutes.

Seek medical attention if discomfort persists. Continue irrigating the eyes with clean water or saline solution while transporting to medical facility.

Skin: Remove dusty clothing. Wash skin with tepid soapy water, shower if required. Apply skin moisturiser.

Inhaled: Move immediately to fresh air. Seek medical attention if symptoms persist.

First Aid Facilities:

Eye wash station.

ADVICE TO DOCTOR

Treat symptomatically.

III. PRECAUTIONS FOR USE

EXPOSURE STANDARDS - WORK SAFE AUSTRALIA

This product is classified with an exposure standard of:

Dust (NOS - not otherwise specified):	10 mg/m ³ TWA (Time weighted average) as inspirable dust.
Crystalline silica (quartz):	02 mg/m ³ TWA as respirable dust.

However, where a State or Territory prescribes a lower exposure standard, the lower exposure standard applies.

Refer to **Other Information** in **Section IV, SAFE HANDLING INFORMATION**.

ENGINEERING CONTROLS

Avoid generating dust. All work with PlasterMaster should be carried out in such a way as to minimise exposure to dust and repeated skin contact. Use local mechanical ventilation or extraction in areas where dust, generated whilst handling PlasterMaster, could escape into the enclosed work environment.

For bulk deliveries, closed pumping systems are recommended. For handling of individual bags, follow safe manual handling practices. Work areas should be cleaned regularly by wet sweeping or vacuuming. If generating dust cannot be avoided, see protection recommendations below.

PERSONAL PROTECTION

Always wear suitable protective clothing and use respiratory equipment.

Skin: Use impervious elbow length gloves (AS 2161), such as PVC, impervious boots and full length clothing to protect the skin from contact with the dust, particularly wetted dust. After working with this product, workers are advised to shower with soap and water and apply a skin moisturiser. Work clothes should be washed regularly.

Eyes: Safety spectacles with side shields or safety goggles (dust) resistant AS/NZ 1336) should be worn if dust is likely to be generated.

Respiratory: If dust is generated, wear a class P1 or P2 particulate respirator (AS/NZS 1715 & 1716). Use only respirators which comply with Australian Standards and are used correctly. Note that persons with facial hair will have difficulty in obtaining a satisfactory face seal. For alternatives see AS/NZS 1715: *Selection and uses of respiratory protective devices*.

Persons with a history of respiratory illness or reduced pulmonary function should avoid places with high dust levels. Do not breathe this dust as it may contain various quantities of crystalline silica.

FLAMMABILITY

This product is non-flammable. Does not support combustion of other material.

IV. SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

PlasterMaster should be stored and transported in a manner to prevent ingress of water and emission of dust.

SPILLS AND DISPOSAL

Spills: Spills may be vacuumed or swept.
Avoid generation of dust.
Collect spilled material and seal in clean, labelled containers for disposal.
Clean-up personnel should follow the precautions outlined in **Section III, Precautions for Use.**

Disposal: This product should be disposed of in accordance with requirements of local authorities.

FIRE/EXPLOSION HAZARD

This product is non-explosive and non-combustible.

OTHER INFORMATION

In June 1997, crystalline silica was evaluated by the International Agency for Research on Cancer (IARC): "Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)".

Smoking: Cigarette smoking increases the risk of occupational respiratory diseases. It is recommended that all storage and work area should be smoke-free zones.

For information phone...

NSW: (02) 8543 3270 **Title of Contact Person:** Manager PlasterMaster
Issue Date: 30/06/2004

The information in this document is believed to be accurate. Please check the currency of this MSDS by contacting this Company.

The provision of this information should not be construed as a recommendation to use this product in violation of any patent right or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including conjunction with other products.