

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	Ceramic Molochite
SYNONYMS, TRADE NAMES	Calcined China Clay, Calcined Kaolin
APPLICATION	A functional filler.
SUPPLIER	PARADISE MINERALS
ADDRESS	221 RUNWAL HEIGHT L.B.S. MARG, MULUND -80

HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation. During handling, particularly when air conveying, the product may exhibit charge accumulation properties.

PHYSICAL AND CHEMICAL HAZARDS

Wet substance spillage can constitute a slipping hazard.

HUMAN HEALTH

Long term exposure to any repairable mineral dust could cause effects in the respiratory system. Airborne dust may cause irritation to the eyes. In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibers, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of repairable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003) There is a body of evidence supporting the fact that increased cancer risk would not be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

SKIN CONTACT

Wash skin with soap and water.

EYE CONTACT

Rinse with water. Contact physician if discomfort continues.

FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Mix slurry with dry, inert, absorbent solid and collect for disposal.

HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid handling which leads to dust formation. No special precautions are required when handling slurries.

STORAGE PRECAUTIONS

Store in a dry covered area.

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimize the risk of inhalation of dust.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear approved safety goggles. Contact lenses should not be worn when working with this product.

HYGIENE MEASURES

Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

PHYSICAL AND CHEMICAL PROPERTIES

COLOUR White

ODOUR Almost odorless

SOLUBILITY Insoluble in water

STABILITY AND REACTIVITY

STABILITY : Stable under normal temperature conditions and recommended use.

TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

Dust may irritate respiratory system or lungs.

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Prolonged contact may cause dryness of the skin.

EYE CONTACT

Particles in the eyes may cause irritation and smarting.

DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

This mineral can be disposed of as a non toxic/inactive material in approved landfill sites in accordance with local regulations.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labeling of Substances and Preparations Dangerous for Supply.

The information contained in this Safety Data Sheet supersedes all previous such sheets and is based upon the Company current knowledge at the date of preparation. It is given in good faith, without any warranty, expressed or implied, regarding its correctness or completeness. The conditions or methods of handling, storage, use or disposal of the product are beyond our knowledge. It is the sole responsibility of the user to take all precautions required in handling the product. The information contained in this Material Safety Data Sheet does not constitute an assessment of workplace risks.