



Metacon Metakaolin

KP111/428 Veli, Thiruvanthapuram – 695021, Kerala, India
Phone 91 471 274 1133 | Fax 91 471 274 2233

Material Safety Data Sheet

1. Identification of the Substance and Company

Product Name	:	METACON METAKAOLIN
Product Application	:	Cementitious systems
Address/Phone No.	:	English Indian Clays Limited P111/428 Veli Thiruvananthapuram – 695021 Kerala, India
Emergency Phone	:	0091 471 2741133

2. Composition/Information on Ingredients

Synonyms	:	Refined Kaolin [China Clay]
CAS No.	:	1332-58-7
Symbol	:	None
R-phrases	:	None
S-phrases	:	None

3. Hazards Identification

Metacon Metakaolin is classed as Non Hazardous and is unlikely to cause harmful effects when handled and stored as advised. See section 7.

4. First Aid Measures

Inhalation	:	Remove exposed person from dusty area. Bring to fresh air.
Skin contact	:	Wash contaminated skin with water and/or a mild detergent.
Eye contact	:	Rinse eyes with water/saline solution. If discomfort persists, obtain medical attention.
Ingestion	:	Not applicable.

5. Fire Fighting Measures

Metacon Metakaolin is not combustible and the dust entails no danger of explosion.

Extinguishing Media	:	No applicable
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6. Accidental Release Measures

Avoid exposure to dust of Metacon Metakaolin.
Released material should be collected in suitable containers.



7. Handling and storage

Handling	:	Avoid dust generation. See section 8.
Storage	:	Keep in a dry place. When handled pneumatically use standard dust filters on vehicles and silos.

8. Exposure Controls/Personal Protection

Occupational exposure controls:

Avoid inhalation of dust. Ensure good dust ventilation during use. Wear a CE-marked respirator according to EN 149 FFP 2S/3S during dust generating operations. Use protective gloves and eye protection. Facilities for eye flushing should be available.

9. Physical and Chemical properties

Colour	:	Off white
Odour	:	Odourless
Solubility (water)	:	Insoluble/slightly soluble
Solubility (Organic Solvents)	:	Insoluble/slightly soluble
Specific Gravity	:	2.5 to 2.7 g/cm ³
Bulk Density (kg/lt) approx	:	0.4 to 0.5
Specific Surface Area (cm ² /g)	:	22,000 – 25,000

10. Toxicological Information

Acute Effects:

INGESTION	:	Finely divided dust may cause irritation and dehydration of mucous membranes.
INHALATION	:	Finely divided dust may cause irritation and dehydration of mucous membranes.
SKIN CONTACT	:	Finely divided dust may cause irritation and dehydration.
EYE CONTACT	:	Finely divided dust may cause irritation and dehydration

Chronic Effects:

Inhalation of Metacon Metakaolin is considered to entail minimal risk of pulmonary fibrosis (silicosis). However, chronic obstructive lung disease is suspected following long term exposure (years) for concentrations above recommended occupational exposure limits.

11. Disposal Considerations

The material should be recovered for recycling if possible.

This material is not classified as hazardous waste according to Commission Decision 2000/532/EC and 2001/118/EC. Prior to disposal of large quantities of this material advice should be sought from the relevant Waste Regulation Authority.



12. Transport Information

UN	-
IMDG/IMO	Not subject to classification
ADR/RID	Not subject to classification
ICAO/IATA	Not subject to classification

13. Regulatory Information

Product classification and labeling:

Symbol	:	Not subject to classification
R-Phrases	:	None
S-phrases	:	None

14. Other Information

Literature references are available upon application to the manufacturer.

The provision of this information should not be construed as a recommendation to use this product in violation of any patent rights or in breach of any state 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. Users should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace and in conjunction with other substances or products.

Metacon Metakaolin is marketed in the Gulf Region by:



GULF CONCRETING PRODUCTS
P.O. Box 43010 Abu Dhabi ; 50012 Fujairah, UAE
Tel. No. +971 2 6273998 | Fax No. +971 2 6273994
Email: info@gcpuae.ae | Website: www.gcpuae.com



CROWN CONCRETING PRODUCTS LLC
P.O. Box 43010 Abu Dhabi, UAE
Tel. No. +971 2 6273998 | Fax No. +971 2 6273994
Email: crown@gcpuae.ae