



MATERIAL SAFETY DATA SHEET (MSDS)

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Applicant Name : PHOMI MCM CO.,LTD.
Applicant Address : 112 ZHONGSHENG ROAD,PANYU DISTRICT, GUANGZHOU, CHINA
511495
Product Name : Modified clay material Other names: Unfired clay material, modified
inorganic powder composite building decorative material, MCM Flexi
Clay, MCM
Report No. : RT20180803100321
Received Date : 2018-8-30
Redact Period : 2018-8-30 to 2018-8-31
Regulatory Requirements : As requested by the applicant, the Material Safety Data Sheet is prepared
according to Globally Harmonized System of Classification and Labelling
of Chemicals (GHS)Rev_6.

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District, Dongguan City, China



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SECTION 1. Identification of the substance/preparation and company

Modified clay material Other names: Unfired clay material, modified
1.1 Product Identification : inorganic powder composite building decorative material, MCM Flexi Clay, MCM
1.2 Model No. : /
1.3 Recommended Use : /
1.4 Applicant Name : PHOMI MCM CO.,LTD.
1.5 Applicant Address : 112 ZHONGSHENG ROAD,PANYU DISTRICT,GUANGZHOU,CHINA
511495
1.6 Manufacturer Name : PHOMI MCM CO.,LTD.
1.7 Manufacturer Address : 112 ZHONGSHENG ROAD,PANYU DISTRICT,GUANGZHOU,CHINA
511495
1.8 Tel / Fax : 18617353890
1.9 Email : 283757115@qq.com
1.10 Emergency Phone : /

SECTION 2. Hazards identifications

2.1 Hazard Class(GHS):

This product does not belong to dangerous goods, no hazard classification.

2.2 Pictograms:

Not applicable

2.3 Signal word:

Not applicable

2.4 Hazard description:

Not applicable

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2.5 Precautionary description:

P280 Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3. Composition / information on ingredients

The difference between the single product and mixture: Mixture

Substance name	Conc. (%)	CAS.
Kaolin	50-56	1332-58-7
Quartz (SiO ₂)	42-47.5	14808-60-7
Polyacrylic acid	1.5-2.5	9003-01-4
Polyvinyl alcohol	0.15	9002-89-5
3-trimethoxysilylpropyl methacrylate	0.15	2530-85-0

SECTION 4. First aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (MSDS) to the doctor in attendance.

4.1 Following eye contact:

In case of contact may cause irritation, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician immediately if eye damage.

4.2 Following skin contact:

Such as contact with the skin, rinse with water. Immediately call consult a physician if feeling uncomfortable.

4.3 Following inhalation:

No volatile substances can be inhaled. However, if feeling uncomfortable, move to fresh air. Seek medical attention for discomfort or if coughing.

4.4 Following ingestion:

If it is ingested, rinse the mouth with water.

Do not induce vomiting. Never give anything by mouth to an unconscious person.

Call a physician or Poison Control Center immediately.

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SECTION 5. Firefighting measures

5.1 Hazardous Characteristics:

Not considered to be a fire hazard. Not easily ignited by fire.

5.2 Extinguishing Media:

Dry powder, Chemical foam, Carbon dioxide, water mist.

5.3 Firefighting procedures:

As in any fire, wear self-contained breathing apparatus(MSHA/NIOSH approved or equivalent) and full protective gear.

Extinguish fire in a safe distance with enough protection

Prevent fire extinguishing water from contaminating surface water or the ground water system.

5.4 Hazardous combustion products:

None.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Ventilate area of leak or spill. Remove all sources of ignition.

Evacuate personnel to safe areas. Keep people away from upwind of spill/leak.

Wear appropriate protective measures (SEE SECTION 8).

6.2 Environmental precautions:

Do not empty into drains. If the product contaminated lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Cleaning method:

Remove by physical method. Disposal of discarded waste/pollutants refer to SECTION 13..

SECTION 7. Safe handling and storage

7.1 Handling Notes:

Keep away from heat and fire.

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Keep indoor ventilation or local exhaust device.

Stay away from heat and direct sunlight;

7.2 Storage Notes:

Keep away from heat and fire.

Store in a well-ventilated place. Keep cool.

Stored in compatible containers.

Keep storage containers sealed.

Do not store with incompatible material (see section 10.2)

SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

No information found

8.2 Engineering Control:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of localexhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations ofparticulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Ensure that eyewash stations and safety showers are proximal to the work-station location.

8.3 Respiratory Protection:

Wear filter mask.

If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

8.4 Eyes Protection:

Wear protective goggle in working time.(Comply with the European Union EN 166 or The U.S. NIOSH standard.)

8.5 Hands Protection:

Wash with plenty of water if gloves puncture or skin exposure. No special hands protection.

Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU),US F739 or

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AS/NZS 2161.1 standard.

8.6 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

SECTION 9. Physical and chemical properties

Appearance and Color	Flaky solid
Odour	Odourless
PH value	No Data
Flammability	Non flammable
Flash point(°C,Closed cup)	No Data
Boiling point(°C)	No Data
Freezing point (°C)	No Data
Density(g/cm³)	No Data
Relative steam density (air = 1)	No Data
Vapor pressure(MPa)	No Data
Octanol/water partition coefficient	No Data
Viscosity (mPa/s)	No Data
Evaporation rate (kg/s)	No Data
UEL %(V/V)	No Data
LEL %(V/V)	No Data
Auto-ignition temperature(°C)	No Data
Decomposition temperature(°C)	No Data
Solubility	Insoluble in water

SECTION 10.Stability and reactivity

10.1 Stability:

Stable under recommended storage and handling conditions (See section 7).

10.2 Material for avoiding:

Strong oxide, acid and alkali.

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10.3 Contact conditions for avoiding:

High temperature.

10.4 Hazardous decomposition products

None

SECTION 11. Toxicological information

11.1 Acute toxicity:

No information found.

11.2 Skin corrosion/irritation:

No information found.

11.3 Serious eye damage/irritation:

Cause eye irritation and damage.

11.4 Respiratory or skin sensitisation:

No information found..

11.5 Germ cell mutagenicity:

No information found.

11.6 Carcinogenicity:

No information found.

11.7 Reproductive toxicity:

No information found.

11.8 STOT-single exposure:

No information found.

11.9 STOT-repeated exposure:

No information found.

11.10 Aspiration hazard.:

No information found.

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SECTION 12. Ecological information

12.1 Ecotoxicity:

This product does not contain special materials. According to the environmental protection laws, this product can't be poured into sewers or drainage ditches, can't be discarded in those places which would affect soil and underground water.

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil:

No data available.

12.5 Other adverse effects:

No data available

SECTION 13. Disposal considerations

13.1 Handling method for waste:

Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

13.2 Handling method for uncleaned packaging:

According to official regulations.

SECTION 14. Transport information

14.1 UN NO.: Not classified

14.2 Class: Not classified

14.3 Packaging group: Not classified

14.4 Technical name: Not classified

14.5 Label: Not classified. (prohibition with antioxidant and food chemical mixed stowage, transit should prevent sun, rain and high temperature.)

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14.6 Attention Notes: Gentle with, prevent collision drag and dump, This is not classified as a hazardous/dangerous material under IATA, IMDG, DOT regulations.

SECTION 15. Regulatory information

Hazardous chemicals catalog
International maritime dangerous goods code
Dangerous Goods Number Of United Nations
Technical Instructions for the Safe Transport of Dangerous Goods by Air
Classification and code of dangerous goods
Occupational Safety and Health Act (OSHA)
The principle of classification of transport packaging groups of dangerous goods
Globally Harmonized System of Classification and Labelling of Chemicals
In accordance with all local laws.

SECTION 16. Other information

Disclaimer

The information in this Material Safety Data Sheet was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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