



内蒙古蒙西高岭粉体股份有限公司

Inner Mongolia Mengxi Kaolin Co., Ltd.

MATERIAL SAFETY DATA SHEET

Calcined Kaolin MSDS

Section The Chemical Product And Company Identification

Common Name: Calcined Kaolin
Chemical Name: Aluminum Silicate
Formula: $Al_2O_3 \cdot 2SiO_2$
Product CAS No: 92704-41-1
Product Use: Industrial pigment and filler
Supplier: INNER MONGOLIA MENGXI KAOLIN CO.,LTD
City, St, zip: ERDOS , INNER MONGOLIA , CHINA
Zip Code: 016014
Phone: 0086-473-2552329
Fax No.: 0086-473-2554291
National emergency telephone:
Effective date: December 15, 2012

Section Ingredient / Composition Information

Name	CAS No.	% by Weight
Calcined Kaolin	92704-41-1	100%

Toxicological Data on Ingredients: NO

Section Summary Of Dangers

Sort of dangers:

Approach of intrusion: to enter bodies through breath

Harm to health: to cause pulmonary diseases if excessive amount of kaolin dust is inhaled for a long time. No side effect if eaten by accident

Harm to Circumstances: Powder dust

Combustion/Explosions/hazard: It is not combustible or explosive	
Section	First Aid Measures
<p>Skin Contact: To wash with fresh water if no uncomfot is felt. To see a doctor if hypersusceptibility happens.</p> <p>Eye Contact: To wash with much fresh water. To see a doctor if it stimulates seriously.</p> <p>Absorption: To remove to places with fresh air;To see a doctor if it is serious.</p> <p>Eaten: No side effect if eaten by accident.</p>	
Section	Measures Against Fire
<p>Characteristics of danger: This product is innocuity, no side effect and no dangers of combustibility and explosivity.</p> <p>Nocuous burnt products: This product is not combustible.</p> <p>Fire Fighting Media and Instructions:: Inapplicable</p> <p>Fire Fighting points for attention: Inapplicable</p>	
Section	Urgent Disposal Of Leakages
<p>Urgent disposal: To put spilled materials into vessels with a cleaner or scoop.</p> <p>Methods of elimination: Not to break packages while conveying.</p>	
Section	Operation Of Disposition And Storage
<p>Operation points for attention: Not to break packages while carrying.</p> <p>Storage points for attention: To Store in cool, dry paces.</p>	
Section	Touch Control Or Personal Defense
<p>The top allowable concentration: 10mg/m³.</p> <p>Methods of inspection: By gravity.</p> <p>Project control: To collect with a dust collector.</p> <p>Respiratory system protection: To wear a dustproof respirator when in powder dust.</p> <p>Eye protection: A pair of safety glasses.</p> <p>Hand protection: A pair of rubber glove.</p> <p>Other protections: No.</p>	
Section	Physical And Chemical Properties

Appearance and characters: White powder.

PH: 6-8.

Melting point(oC) : Not to test

Relative density(water=1): 2.6g/cm³

Boiling point(oC): Inapplicable.

Relative vapor density(air=1): Inapplicable.

Saturation vapor tension(kPa): Inapplicable.

Combustion heat(kJ/mol): Inapplicable

Critical temperature(): Inapplicable.

Critical pressure(Mpa): Inapplicable.

Octyl alcohol / water distribution coefficient: No data

Flash point(): Inapplicable.

Explosion upper limit%(V/V): Inapplicable

Burning point temperature(): Not burnt.

Explosion lower limit%(V/V): Inapplicable.

Main use: to be mostly used in paper making, paint, plastics, rubber and cable industries as pigment fillers.

Other physical and chemical properties: Good chemical stability and high refractory degree.

Section Stability And Reactivity

Stability: Stable.

Taboo mixtures: No

Touch conditions of avoidance: Inapplicable.

Polymerization harm: not polymerized

Decomposition products: SiO₂, Al₂O₃.

Section Toxicology Data

Acute toxicity: No
Subacute and slow toxicity: No
Irritant property: No
Allergy-causing property: No
Mutation-causing property: No.
Abnormality-causing property: No
Cancer-causing property: No
Others: No

Section Ecology Data

Ecology toxicity: No
Biology lowering property: No data
Nonbiology degradation property: No data
Biology enrichment or biology accumulation properties: No data
Other nocuous effects: No data

Section Disposal Of Rejects

Characters of rejects: Dangerous rejects Industrial solid rejects
Disposal methods of rejects: to be recycled and exploited as raw materials.
Abandonment points for attention: to be left in specific spots to recycle and exploit it.

Section Transportation Information

Code of dangerous goods: No danger
UN No .
Signs of packing: Yes
Sort of packing: Bag package.
Means of packing: Plastic woven bag
Transportation points for attention: Protection against damp and damage

Section Statutory Information

Statutory information: No data

Section Other Information

REFERENCE MATERIAL:“ Production and Application of China Coa Series Kaolin”

Date of the form filling: December 15, 2012.

Department of the form filling: department of quality and technology of Inner Mongolia Mengxi Kaolin Co.,Ltd.

Explanation of revision: To be responsible only for the products of this company.