

**Safety Data Sheet**  
**KAOLIN CLAY CALCINED**

Revision date :  
Version : 3.0

Page: 1/7

NUMBER

**1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifiers**

Chemical Name	CALCINED KAOLIN CLAY
CAS NO.	1332-58-7

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

1. Kaolin clay is used for pottery and paper in addition to health and beauty.
2. It also removes dirt and impurities left behind from hair shampoo and conditioners .
3. Kaolin clay is used for pottery and paper in addition to health and beauty.

**Details of the supplier of the safety data sheet**

<b>COMPANY</b>	POLYMER ADD (THAILAND) CO., LTD. 106, Chalaremprakiat, Lor 9, Soi 22, Yak 5,Nongbon, Prawet,Bangkok Bangkok - 10250 Thailand Telephone : 0804531391 Email - contact@polymeradd.co.th
----------------	--

**2 HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Physical and Chemical Hazards	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
-------------------------------	--

**2.2 Labelling according Regulation (EC) No 1272/2008 [CLP]**

<b>Label elements</b>	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
-----------------------	--

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

<b>Component</b>	Hydrated aluminum silicate Bolus Aluminum silicate hydroxide
<b>Chemical Name</b>	Kaolin
<b>CAS NO</b>	1332-58-7
<b>EC Number</b>	310-194-1
<b>Molecular Formula</b>	H4Al2O9Si2.2H2O

## Safety Data Sheet KAOLIN CLAY CALCINED

Revision date :  
Version : 3.0

Page: 2/7

NUMBER

**Molecular Weight** 294.19 g/mol

**Concentration** -

### 4 FIRST AID MEASURES

#### 4.1 Description of first aid measures

<b>If inhaled</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<b>In case of skin contact</b>	Wash off with soap and plenty of water.
<b>In case of eye contact</b>	Flush eyes with water as a precaution.
<b>If swallowed</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.

#### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

### 5 FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture** Aluminum oxide, silicon oxides.

**5.3 Advice for firefighters** Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information** No data available

### 6 ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions protective equipment and emergency procedures

Avoid dust formation.  
Avoid breathing vapours, mist or gas.  
For personal protection see section 8.

#### 6.2 Environmental precautions

No special environmental precautions required.

#### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Safety Data Sheet KAOLIN CLAY CALCINED

Revision date :  
Version : 3.0

Page: 3/7

NUMBER

### 6.4 Reference to other sections

For disposal see section 13.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.  
For precautions see section 2.2.

### 7.2 Information about protection against explosions and fires

No data available

### 7.3 Conditions for safe storage including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.  
Store in cool place

### 7.4 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Appropriate engineering controls

General industrial hygiene practice.

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves.

Gloves must be inspected prior to use.

Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

#### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

## Safety Data Sheet KAOLIN CLAY CALCINED

Revision date :  
Version : 3.0

Page: 4/7

NUMBER

### Respiratory protection

Respiratory protection is not required.

Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of environmental exposure

No special environmental precautions required.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	Form: Solid
b) Odour	Earthy
c) Odour Threshold	No data available
d) pH (% solution in water)	No data available
pH	No data available
e) Melting point/freezing point	740-1785 Deg C
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid or gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	2.65 g/cm <sup>3</sup>
n) Water solubility	Insoluble
o) Partition coefficient: n-octanol/water	Not applicable for inorganic substances.
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

### 9.2 Other safety information

Bulk Density	No data available
--------------	-------------------

**Safety Data Sheet**  
**KAOLIN CLAY CALCINED**

Revision date :  
Version : 3.0

Page: 5/7

NUMBER

**10 STABILITY AND REACTIVITY**

10.1	Reactivity	No data available
10.2	Chemical stability	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions	No data available
10.4	Conditions to avoid	No data available
10.5	Incompatible materials	Strong oxidizing agents
10.6	Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. - Aluminum oxide, silicon oxides. Other decomposition products - No data available In the event of fire: see section 5

**11 TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

<b>Acute toxicity</b>	No data available
<b>Acute oral toxicity</b>	No data available
<b>Acute Inhalation toxicity</b>	No data available
<b>Acute dermal toxicity</b>	No data available
<b>Acute Irritation / corrosion toxicity</b>	No data available
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>IARC</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity</b>	No data available.
<b>Specific target organ toxicity - single exposure</b>	No data available
<b>Specific target organ toxicity - repeated exposure</b>	No data available
<b>Signs and symptoms of exposure</b>	No data available
<b>Route of exposure</b>	No data available
<b>Aspiration hazard</b>	No data available

# Polymer Add (Thailand) Co; Ltd.

## Safety Data Sheet KAOLIN CLAY CALCINED

Revision date :  
Version : 3.0

Page: 6/7

NUMBER

<b>Potential health effects</b>	No data available
<b>Inhalation</b>	No data available
<b>Ingestion</b>	No data available
<b>Skin</b>	No data available
<b>Eyes</b>	No data available
<b>RTECS</b>	GF1670500

### 12 ECOLOGICAL INFORMATION

12.1 Toxicity No data available

#### 12.2 Persistence and degradability

##### Biodegradation

The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bio accumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects No data available.

### 13 DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### Product

Offer surplus and non-recyclable solutions to a licensed disposal company

##### Contaminated packaging

Dispose of as unused product.

### 14 TRANSPORT INFORMATION

#### 14.1 UN number

ADR/RID	IMDG	IATA
-	-	-

#### 14.2 UN proper shipping name

ADR/RID	IMDG	IATA
Not dangerous goods	Not dangerous goods	Not dangerous goods

**Safety Data Sheet**  
**KAOLIN CLAY CALCINED**

Revision date :  
Version : 3.0

Page: 7/7

NUMBER

14.3 **Transport hazard class(es)**

ADR/RID	IMDG	IATA
-	-	-

14.4 **Packaging group**

ADR/RID	IMDG	IATA
-	-	-

14.5 **Environmental hazards**

ADR/RID	IMDG Marine pollutant	IATA
No	No	No

14.6 Special precautions for user No data available

15 **REGULATORY INFORMATION**

15.1 **Safety health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 **Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

16 **OTHER INFORMATION**

Month of Creation March 2023

Month of Revision March 2027