



Material Safety Data Sheet

Product Name

KAOLIN CLAY

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Kaolin Clay
Chemical formula : $\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2 \cdot 2\text{H}_2\text{O}$
Specific Chemical Identity : clay mineral, kaolinite
Supplier : Central Minerals & Transport Joint Stock Company
Address : 5th Floor TD Business Center – Lot 20A Le Hong Phong Str – Ngo Quyen Dist – Hai Phong City – Vietnam.
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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

This product is a soft, earthy, usually white mineral (decahedral phyllosilicate clay), produced by the chemical weathering of aluminum silicate minerals like feldspar. Color is lighter concentrations yield white, yellow or light orange colors.

Ingredients : 100% natural clay with 52% max SiO_2

SECTION 3: HAZARD IDENTIFICATION

Emergency Overview: The product may contain breathable dust. Prolonged inhalation of a high concentration of dust may affect lung function. To use in complete safety, respect exposure limits.

Inhalation:

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

Eyes : Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

Skin : Wash off with water

Ingestion : No particular measure. Seek medical attention if large dose is ingested.

Inhalation : Remove to fresh air. If continued respiratory irritation occurs or if breathing becomes difficult, seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash point	: Inflammable
Extinguish media	: Material does not burn
Auto-ignition Temperature	: N/A
Fire and explosion hazards	: Hazardous
Decomposition products	: None

SECTION 6: HANDLING AND STORAGE

Safe Handling	: Avoid dust formation. Provide appropriate ventilation where dust forms. In the event where there is insufficient ventilation wear suitable breathing equipment.
Storage	: Store in closed containers below 30°C in well ventilated areas.
Containers	: May be slippery when wet.

SECTION 7: PHYSICAL AND CHEMICAL PROPERTIES

Physical form	: powder
Color	: White/ almost white/ grayish white
Odor	: Odorless
Melting/ Freeze point	: N/A
Solubility in water at 100°C	: N/A
Solubility in acid environment	: in flourhydric acid
Vapor pressure (mm Hg)	: N/A
Vapor Density	: N/A
Specific Gravity	: 1-15

SECTION 8: CONTROL MEASURES

Exposure Value Limits	: Respect the regulatory provisions for dust (inhalable and breathable) and crystalline silica.
Eye	: Safety glasses should be worn
Skin/Body	: Gloves should be worn
Respiratory	: In the event of exposure to dust beyond regulatory limits, and even in general during any type of handling wear a breathing mask in accordance with national law.
Ventilation:	: Provide appropriate ventilation and filters in places where dust may be generated
Other Protection	: Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice	: Normal work and hygiene practices

SECTION 9: STABILITY AND REACTIVITY

Stability

: Chemically stable, no particular incompatibility, product is without risk of decomposition.

SECTION 10: TOXICOLOGICAL INFORMATION

Acute Toxicology

: No acute toxicity

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