



SHIJIAZHANG CHENSHI IMPORT AND EXPORT CO.,LTD

Add.: R2017 UNIT C, TIANSHAN GALAXY PALZA, NO168 CHANGJIANG ROAD, GAOXIN DISTRICTY,
SHIJIAZHANG CITY, HEBEI, CHINA

MATERIAL SAFETY DATA SHEET

🔗 Section 1 - IDENTIFICATION OF THE CHEMICAL PRODUCT AND OF THE COMPANY

Name: **Kaolin Material Safety Data Sheet**

Synonym: Aluminum Silicate (Hydrated); Bolus Alba; China Clay; Porcelain Clay; White Bole

CAS: 1332-58-7

🔗 Section 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	content	EINECS#
1332-58-7	Kaolin	100	unlisted

Hazard Symbols: None Listed.

Risk Phrases: None Listed.

🔗 Section 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

The toxicological properties of this material have not been fully investigated.

Potential Health Effects

Eye:

Dust may cause mechanical irritation.

Skin:

Dust may cause mechanical irritation.

Ingestion:

Ingestion of large amounts may cause gastrointestinal irritation.

Low hazard for usual industrial handling.

Inhalation:

May cause respiratory tract irritation. Low hazard for usual industrial handling. When inhaled as a dust or fume, may cause benign pneumoconiosis.

Chronic:

Chronic inhalation can cause pneumoconiosis.

🔗 Section 4 - FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower



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eyelids. If irritation develops, get medical aid.

Skin:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion:

Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Wash mouth out with water. Get medical aid if irritation or symptoms occur.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician:

🔥 Section 5 – FIRE FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use extinguishing media appropriate to the surrounding fire. Substance is noncombustible.

Extinguishing Media:

Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

🔥 Section 6 – ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions.

Provide ventilation.



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➤ Section 7 - HANDLING and STORAGE

Handling:

Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. No special precautions indicated.

➤ Section 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 1332-58-7: United Kingdom, WEL - TWA: 2 mg/m³ TWA (respirable dust) United Kingdom, WEL - STEL: 6 mg/m³ STEL (respirable dust) United States OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction) Belgium - TWA: 2 mg/m³ VLE (respirable fraction) France - VME: 10 mg/m³ VME Malaysia: 2 mg/m³ TWA (particulate matter containing no asbestos <1% crystalline silic Netherlands: 10 mg/m³ MAC Russia: (listed as silica, amorphous): 1 mg/m³ TWA Spain: 2 mg/m³ VLA-ED (respirable fraction, this value is for the particulated matter t Personal Protective Equipment Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

➤ Section 9 - PHYSICAL AND CHEMICAL PROPERTIES



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Physical State: Solid

Color: white to yellow

Odor: none reported

pH: Not available.

Vapor Pressure: Negligible.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: 3200 deg F

Autoignition Temperature: Not applicable.

Flash Point: Not applicable.

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature: Not available.

Solubility in water: Insoluble in water.

Specific Gravity/Density: 1.8 to 2.6

Molecular Formula: $H_2Al_2Si_2O_8 \cdot H_2O$

Molecular Weight: 258.2

➤ Section 10 – STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials, dust generation, excess heat.

Incompatibilities with Other Materials:

Strong acids, strong bases, strong oxidizing agents.

Hazardous Decomposition Products:

Irritating and toxic fumes and gases, silicon dioxide, aluminum oxide.

Hazardous Polymerization: Has not been reported.

➤ Section 11 – TOXICOLOGICAL INFORMATION



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RTECS#:

CAS# 1332-58-7: GF1670500 LD50/LC50:

Not available.

Carcinogenicity:

Kaolin - Not listed by ACGIH, IARC, or NTP.

Other:

See actual entry in RTECS for complete information.

➤ Section 12 - ECOLOGICAL INFORMATION

➤ Section 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

➤ Section 14 - TRANSPORT INFORMATION

IATA

Not regulated as a hazardous material.

IMO

Not regulated as a hazardous material.

RID/ADR

Not regulated as a hazardous material.

Section 15 - REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

S 28A After contact with skin, wash immediately with



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plenty of water.

S 37 Wear suitable gloves.

S 45 In case of accident or if you feel unwell, seek

medical advice immediately (show the label where

possible).

WGK (Water Danger/Protection)

CAS# 1332-58-7: 0

Canada

CAS# 1332-58-7 is listed on Canada's DSL List.

CAS# 1332-58-7 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL

TSCA

CAS# 1332-58-7 is listed on the TSCA inventory.