

SAFETY DATA SHEET

China Clay

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Issued: 08/09/2015
Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Identifier:

Product Name: China Clay (Polywhite B)
REACH Registration notes: Exempted in accordance with Annex V.7

Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: A functional additive

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Classification 1272/2008 (CLP):

Physical and Chemical Hazards: Not classified
Human health: Not classified
Environmental: Not classified

Classification 67/548/EEC

Human health hazard: This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EEC. Depending on the type of handling and use (e.g. grinding, drying), airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled.

Environment: The product is not expected to be hazardous to the environment.

Physical and Chemical Hazards: This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH. This product should be handled with care to avoid dust generation.

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Label elements: Label in accordance with Regulation (EC) No. 1272/2008 (CLP).

Not Classified

Other hazards: Not Classified as PBT or vPvB by current EU criteria.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name: KAOLIN
CAS: 1332-58-7
EC No.: 310-194-1
Classification EC 1272/2008: Not classified
Classification 67/548/EEC: Not classified

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

REACH Registration notes: Exempted in accordance with Annex V.7 **Composition**

Comments Impurities:

Quartz: CAS-No.: 14808-60-7
EC No.: 238-878-4.

This product contains less than 1% respirable quartz; respirable quartz is classified as STOT RE

4. FIRST AID MEASURES

Description of first aid measures:

General information: No acute and delayed symptoms and effects are observed.

Inhalation: Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

Skin contact: Wash skin with soap and water. Use suitable lotion to moisturise skin.

Eye contact: Do not rub eye. Rinse with copious quantities of water and seek medical attention if irritation persists.

Ingestion: Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed: General information: The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Indication of any immediate medical attention and special treatment needed: No specific first aid measures noted.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: The product is non-combustible. No specific extinguishing media is needed.

Special hazards arising from the substance or mixture: Specific hazards: Non-combustible. No hazardous thermal decomposition.

Advice for fire-fighters: Special Fire Fighting Procedures: No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

[cont...]

Methods and material for containment and cleaning up: Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.

Reference to other sections: For personal protection, see section 8. For waste disposal, see section 13.

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7. HANDLING AND STORAGE

Precautions for safe handling: Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in section 16. Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities: Store in a dry covered area. Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.

Specific end use(s): Usage Description: If you require advice on specific uses, please contact your supplier or check the Good Practice Guide referred to in section 16.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Name	STD	TWA 8 Hrs	STEL 15 Min	Notes
Inorganic dust	WEL	4 mg/m ³ resp. dust		
KAOLIN	WEL	2 mg/m ³		
Quartz	WEL	0.1 mg/m ³		

WEL = Workplace Exposure Limit.

Exposure controls:

Appropriate engineering controls:

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

Respiratory equipment: In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European or national legislation.

Hand protection: For prolonged or repeated skin contact use suitable protective gloves. PVC or rubber gloves are recommended.

Eye protection: Use eye protection. Goggles/face shield are recommended. Contact lenses should not be worn when working with this product.

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- Skin protection:** No specific requirement. Appropriate protection (e.g. protective clothing, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin.
- Hygiene measures:** When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance:	Powder
Colour:	White/off white
Odour:	Almost odourless
Solubility:	Insoluble in water
Relative density:	2.6-2.7
Other information	No information required

10. STABILITY AND REACTIVITY

- Reactivity:** There are no known reactivity hazards associated with this product.
- Chemical stability:** Stable under normal temperature conditions and recommended use.
- Possibility of hazardous reactions:** Not applicable.
- Conditions to avoid:** No particular incompatibility.
- Incompatible materials:** Materials to avoid.
No incompatible groups noted.
- Hazardous decomposition products:** None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

- General information:** This product has low toxicity. Only large volumes may have adverse impact on human health.
- Inhalation:** Dust in high concentrations may irritate the respiratory system.
- Ingestion:** No harmful effects expected in amounts likely to be ingested by accident.
- Skin contact:** Prolonged contact may cause dryness of the skin.
- Eye contact:** Particles in the eyes may cause irritation and smarting.

12. ECOLOGICAL INFORMATION

- Ecotoxicity:** The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
- Toxicity:** LC 50, 96 Hrs, Fish mg/l >1000
EC 50, 48 Hrs, Daphnia, mg/l >1000
IC 50, 72 Hrs, Algae, mg/l >1000
- Persistence and degradability:**
- Degradability:** The product is not biodegradable.

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Bio accumulative potential: The product does not contain any substances expected to be bioaccumulating.
Mobility in soil: The product is insoluble in water.
Results of PBT and vPvB assessment: Not Classified as PBT/vPvB by current EU criteria.
Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

General information:

This mineral can be disposed of as a nontoxic/inactive material in approved landfill sites in accordance with local regulations. Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

Waste treatment methods:

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION

UK Regulatory References:

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
Statutory Instruments.
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code of Practice.
Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations.
Dangerous for Supply. EU Legislation.
Exempted in accordance with Annex V.7.
National Regulations.
Workplace Exposure Limits 2005 (EH40).
Water hazard classification.
NWG.

Note:

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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16. OTHER INFORMATION

General information: Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

Full text of R Phrases referred to under sections 2 and 3: None

Full text of H-Statements referred to under sections 2 and 3: None

Source of key data used to compile the data sheet: Supplier information

Legal disclaimer: The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Banga Holdings who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

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