



Date of establishment: 10/01/02
Revision date: 10.01.02

Safety data sheet/ EG-Sicherheitsdatenblatt

Product/ Product group: **China Clay**

1.1 Substance/Preparation and Company Name
1.2 Information on the product

1.2 Information on manufacturer/Supplier

Supplier: **Tiffany Glaskunst GmbH**
Street: **Helleforthstr. 18-20**
UIP Code/town: **D-33758 Schloß Holte Stukenbrock**
Tel.: **+49 5207 91280**
Fax.: **+49 5207 912840**
e-mail: **tgk@tgk.de**
Internet: **http://www.tgk.de**

Telephone number in emergency cases: 05207 -9128-0

2. Composition/Information on Ingredients

China Clay / Kaolin 31

CAS- Nr. : 1332-58-7 (Kaolinite)
EINECS-Nr.: 3101276

SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O	Loss
48,6	0,1	35,8	0,8	0,1	0,2	2,8	0,2	11,6

	%w/w
Kaolinite	65 - 71
Micaceous mineral	23 - 27
Quartz	1 - 3
Carbonaceous material:	< 1

3. Possible hazards

China clay is of low acute toxicity, but does contain free quartz. Ensure that atmosphere dust levels are maintained such that the amount of respirable quartz in the atmosphere is < 0,4 mg/m³.
Long term exposure to excessive levels of any mineral can lead to respiratory problems.

4. First Aid Measures

Inhalation:
Remove from source to fresh air. If symptoms occur, seek medical attention.

Ingestion:

No treatment necessary

Skin contact:

Usually no problems arise. Cleanse with mild soap and water. If irritation develops, seek medical attention.

Eye contact :

For direct contact, flush the affected eye with clean water. If irritation develops, seek medical attention.

5. Fire fighting measures :

Extinguishing method:

None required

Extinguishing method forbidden:

None

Risks from exposure of combustion:

None

Recommended extinguishing equipment:

none required

6. Accidental release measures:

7. Handling and storage:

Handling:

Use appropriate engineering controls and work practices to minimise dust generation.

Storage:

Dry covered conditions recommended.

8. Expose controls and personal protection:

Respiratory protection:

Avoid inhalation of dust

Hand protection + Skin protection:

Protection recommended for workers who suffer from dermatitis or sensitive skins

Specific hygiene methods:

Maintain good standards of industrial hygiene. Ensure that occupational exposure standards are maintained.

9. Physical and chemical properties:

Appearance:	Fawn noodles
Odor:	None
pH:	5.1.
Boiling point:	n.a.
Vapor pressure 20° C:	n.a.
Melting point:	> 1200° C
Flammability:	Non flammable

Spontaneous flammability:	Non flammable
Explosion properties:	None
Oxidising properties:	None
Saturated Vapour pressure:	None
Specific Gravity:	2.6.
Solubility:	Generally insoluble in common solvents
Water solubility:	Generally < 100 mg per kg of water
Lipid solubility:	None
Additional specification:	None

10. **Stability and reactivity**

Circumstances to avoid:
None

Dangerous decomposition products:
None

11. **Toxicological information:**

China clay is regarded as non-toxic.

12. **Ecological information:**

Persistence and degradability:
Not biodegradable

Bioaccumulation:
Non assimilated

Aquatic toxicity
Negligible

13. **Disposal considerations:**

China clay must be disposed of as non-toxic materials to approved land fill sites in accordance with local requirements.

14. **Transport information:**

China clay is not classified as dangerous for transport.

15. **Regulatory information:**

The dangerous Substances Directive 67/155/EEC enacted in the UK by Chemicals (Hazard Information & Packagin Regulations 1993)
Health & Safety Executive EH 40/94 – Occupational Exposure Limits.

16. **Additional information**

Training

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

Use restrictions

None

Technical centre reference

None

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.