

SAFETY DATA
SHEET: GREEN CLAY

1. INFORMATION ABOUT THE SUBSTANCE AND COMPANY

Trade name: Green clay

Use: cosmetics.

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2. COMPOSITION / INFORMATION ABOUT INGREDIENTS

- Raw material: natural mineral
- Illite: 65% to 75%
- Kaolinite ($\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$) 5% to 15%,
- Hydrated aluminosilicate: SiO_2 , Al_2O_3
- *Low presence of quartz (grain size less than or equal to mm)*
- CAS no.: 12173-60-3
- EC classification: no classification

3. IDENTIFICATION OF HAZARDS

Inhalation of dust.

The product may contain minute particles of dust. Prolonged inhalation to high concentrations of the dust may affect lung efficiency.

For safe use, observe the exposure limits.

Risk of slips and falls.

When cleaning the clay storage area, the wet floor can become extremely slippery. Dry cleaning is strongly recommended if people need to continue working in this area.

4. FIRST AID

No special action required, or special instructions for rescuers.

- Eye contact: No special requirements, clean thoroughly with water and consult a doctor if necessary.
- Ingestion: no special requirements.
- Inhalation: no special requirements.
- Contact with the skin: no special requirements.

5. FIREFIGHTING PROCEDURES

Flammable, non-toxic; no risk reported in case of fire.

6. PROCEDURES IN CASE OF ACCIDENTAL DISPERSAL

- Personal protection: Avoid dust formation. In case of exposure to high levels of volatile dust, wear a protective mask complying with the national legislation.
- Environmental protection: No special requirements
- Cleaning methods: avoid dry waste and use water sprays or ventilated drainage systems to prevent the formation of dust.

7. HANDLING AND STORAGE

Safe handling: **avoid the formation of dust.**

Provide adequate ventilation where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment.

- Storage: no special requirements: provide adequate ventilation and store the bags in order to prevent accidental damage.
- Specific uses: no special precautions or measures.

The recommendations above still apply.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

- Exposure limits: comply with the statutory provisions for dust (inhalable and respirable), and for crystalline silica.

Exposure control

- a. Occupational exposure control: install suitable ventilation and filter in places where dust can be generated

Respiratory protection: In case of exposure to dust exceeding the statutory limits, and even in general when handling, **wear a respirator** complying with national legislation.

- b. Environmental exposure control: No special requirements

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: bulk, powders, bags, pallets

Colour: green

Smell: odourless

Important information on safety, health and the environment

Flashpoint Not flammable

Explosion hazard Not explosive

Solubility in water Negligible

10. STABILITY AND REACTIVITY

Chemically stable, no particular incompatibility, product with no risk of decomposition

11. TOXICOLOGICAL INFORMATION

Prolonged or massive exposure to alveolar dust can cause respiratory effects. Because of its low content of quartz, excessive exposure to the dust can cause lung disease. The scientific debate continues about the possible carcinogenic effect of quartz. There is evidence that cancer risk increases for those already suffering from silicosis. In accordance with the present state of things, worker protection against silicosis is logically provided by complying with the statutory limits for the profession.

12. ECOLOGICAL INFORMATION

No specific effect known.

13. DISPOSAL PROCEDURES

Residual waste / unused products: these can be buried in compliance with local regulations. The material must be buried to prevent the emission of respirable dust. If possible, recycling is preferable to storage.

Packing: no special requirements. Whatever the circumstances, dust formation due to the residues during packaging should be avoided and adequate protection should be provided for workers.

14. TRANSPORT INFORMATION

No special precautions required by the regulation on the transport of dangerous goods. Avoid the propagation of dust.

15. STATUTORY INFORMATION

Refer to the statutory exposure limits for workers in each country.

16. OTHER INFORMATION

Responsibility: This information is provided in the current state of the knowledge of ARGILETZ SA, and is given in good faith. However, no interpretation or guarantee is given in this safety data sheet:

It is the responsibility of the user to decide on the full relevance of such information for his/her own use.