SAFETY DATA SHEET

In accordance with Regulation (EU) 2020/878 (REACH)

Product: SWORD STONEWARE CLAY GE400

Translation code	RF-SDS-GE400-2026-R2-EN
French source code	RF-SDS-GE400-2026-R2
Revision date	05/09/2026
Person responsible for the SDS	Tom RAOULT

Translation approved by Tom Raoult on 9 October 2026.

Authoritative source: French R2 version.

1. Identification of the mixture and of the company/undertaking

1.1 Product identifier: GE400

1.2 Use: Ceramic modelling and forming.

1.3 Supplier: RAOULT Fils, Route d'Isigny, 14330 SAON - France

Telephone: +33 6 01 08 45 51 | Email: contact@raoult-beck.fr

1.4 Emergency telephone number: ORFILA (INRS) +33 (0)1 45 42 59 59

2. Hazards identification

2.1 Classification: Not classified as hazardous under CLP (EC) No 1272/2008.

2.2 Label elements: No hazard pictogram required.

2.3 Other hazards: Dry operations may generate respirable dust containing crystalline silica.

Respirable crystalline silica is classified as Carcinogen Category 1A by inhalation.

3. Composition/information on ingredients

Mixture of natural clays and water (~20 %).

Silicon dioxide (SiO_2) content: > 70 % depending on formulation.

Contains a mineral pigment based on iron oxide, incorporated into the clay matrix.

Significant presence of quartz (crystalline silica).

4. First-aid measures

Inhalation: Move to fresh air.

Eyes: Rinse thoroughly with clean water.

Skin: Wash with water.

Ingestion: Rinse mouth.

5. Firefighting measures

Non-flammable product.

Use extinguishing media appropriate to the surrounding environment.

6. Accidental release measures

Collect mechanically.

Avoid dust formation if the product is dry.

7. Handling and storage

Protect from frost and drying out.

Avoid uncontrolled drying.

8. Exposure controls/Personal protection

French occupational exposure limit for respirable crystalline silica: 0,1 mg/m³ (8 h).

Use FFP2 or FFP3 respiratory protection during dry operations.

9. Physical and chemical properties

Form: Wet clay body

Colour: Dark brown

Density: ~1,3 t/m³

Insoluble in water.

10. Stability and reactivity

Stable under normal conditions of use.

11. Toxicological information

Risk associated with prolonged inhalation of dust containing crystalline silica and mineral particles.

12. Ecological information

Inert mineral product.

No known aquatic toxicity.

13. Disposal considerations

Non-hazardous waste.

EWC code: 01 04 08.

14. Transport information

Not subject to ADR / IMDG / IATA regulations.

15. Regulatory information

Complies with REACH (EC 1907/2006) and CLP (EC 1272/2008).

No SVHC substance > 0,1 %.

16. Other information

Document intended for professional distribution and EU export. Annual revision recommended.

R2 revision dated 05/09/2026: typographical and documentary corrections, with no change to the technical content.

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