

**SAFETY DATA SHEET**  
**RED CLAY**

**1 INFORMATION ABOUT THE SUBSTANCE AND COMPANY**

Trade name: Red clay  
INCI name: Illite  
Use: cosmetics.

Company: ARGILETZ S.A.  
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**2. COMPOSITION / INFORMATION ABOUT INGREDIENTS**

Natural crushed clay  
CAS no.: 12173-60-3

**3. IDENTIFICATION OF HAZARDS**

The product contains silica. Exposure to products containing crystalline silica can cause lung disease classed among occupational diseases (see sections 8, 11, 15)

Symptoms associated with use

Inhalation	Prolonged or repeated inhalation of dust can cause breathing problems: wear a mask.
Contact with the skin	Prolonged or repeated contact with the skin can cause mild irritation.
Contact with the eyes	Direct contact with the product can cause mild irritation.
Physico-chemical hazards	This product is not classified as flammable.

**4. FIRST AID PROCEDURES**

Inhalation	Wear a protective mask. Get the person out into the fresh air.
Contact with the skin	Clean with soap and thoroughly rinse the exposed part. Consult a doctor if irritation persists.
Contact with the eyes	Flush the eyes with water for about 15 minutes. Consult a doctor if irritation persists.
Ingestion	Give two glasses of water to drink.

## 5 FIREFIGHTING PROCEDURES

Flashpoint	Not combustible
Temperature of self-ignition	Not applicable
Lower limit of explosibility	Not applicable
Upper limit of explosibility	Not applicable
Appropriate extinguishing method	Use appropriate means to limit the fire.
Special hazards	Not applicable
Fire protection	Wear full, approved, independent, controlled-pressure protective equipment (available from ARGILETZ)

## 6. PROCEDURES IN CASE OF ACCIDENTAL DISPERSAL

Personal precautions	Wear a mask to prevent inhalation.
Cleaning methods	Vacuum the product or collect it in a wet environment so as to prevent the formation of dust. The floor may be slippery: take care not to fall.

## 7. HANDLING AND STORAGE

Handling	Wear a mask to prevent inhalation of dust.
Storage	Not applicable

## 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

Technical procedures	Ensure adequate ventilation, if possible, by extractor fans at workstations. Keep the premises and workstations perfectly clean.
Personal protection	The staff must wear appropriate work clothing regularly cleaned and a protective mask. Exposure limits according to ND2098: <ul style="list-style-type: none"> <li>• Quartz (CAS: 14808-60-7): average exposure = 0.1 mg/m<sup>3</sup> alveolar dust: mandatory limit</li> <li>• Kaolin: average exposure = 10mg/m<sup>3</sup>: indicative limit</li> </ul>



## 16. OTHER DATA

### **Responsibility**

This information is consistent with the facts known by ARGILETZ and is considered accurate and reliable on the date indicated.

Nevertheless, no representation, commitment or guarantee may be demanded with regard to its accuracy, reliability or completeness. It is the user's responsibility to ensure the adaptation and integrity of this information for the intended use.

### **Training**

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product, in compliance with current regulations.

### **Social dialogue about alveolar crystalline silica**

Depending on the type of handling and use (e.g.: crushing, drying), particles of alveolar crystalline silica (quartz - cristobalite) may be generated in the air. Prolonged and/or massive inhalation of alveolar crystalline silica dust can cause pulmonary fibrosis, commonly called silicosis. The main symptoms of silicosis are coughing and breathlessness. Occupational exposure to alveolar crystalline silica dust must be monitored and controlled.

An intersectorial agreement for the protection of workers' health when handling and using crystalline silica and products containing it was signed on April 25, 2006. This independent agreement, financially supported by the European Commission, is based on a Good Practice Guide. The requirements of this agreement have been in force since October 25, 2006. This agreement is published in the Official Journal of the European Union (2006/C 279/02).

The text of the agreement and its annexes, as well as the Good Practice Guide, are available on the site: <http://www.nepsi.eu>. They give information and useful advice for handling products that contain alveolar crystalline silica (reference documents are available on request from EUROSIL, the European Association of Industrial Silica Producers).