

MATERIAL SAFETY DATA SHEET (MSDS)

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Material Name: Red Clay.
 Scientific name: *Kaolin*.
 Product Code: C-MR0178VG.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INCI name ¹ (CTFA)	CAS no.	EINECS no.	Concentration ²	EU Symbol	EU R-Phrase
Kaolin	-	-	A	No health risk	No health risk
INCI name (EU labeling) ¹	CAS no.	EINECS no.	Concentration ²	EU Symbol	EU R-Phrase
Kaolin	-	-	A	No health risk	No health risk

¹CTFA dictionary

²FDA – Code (A = >50 %, B = 25 -50%, C = 10 – 25%, D = 5 -10%, E = 1 -5 %, F = 0,1 -1, G = <0,1%)

3. HAZARD IDENTIFICATION

This product is a mineral that is not considered to present any hazard during normal use. Non-Dangerous, Non Hazardous product, usually accepted as a safe commodity (GRAS) in accordance to the food, drugs and cosmetics legislation.

Potential Chronic Health Effects	Effects
Carcinogenic	Not Available
Mutagenic	Not Available
Teratogenic	Not Available
Developmental toxicity	Not Available

Repeated or prolonged exposure is not known to aggravate medical condition.

Special attention during handling: Avoid moisture and heat.

Exposure symptom: No risk.

4. FIRST AID

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin contact	Wash with soap and water. Cover the irritated skin an emollient. Get medical attention if irritation develops.

Eye contact	If wearing contact lenses, remove them. Wash eyes with clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loose tight clothing such as a collar, tie, belt or waistband.

5. FIRE – FIGHTING MEASURES

Flammability of the product:	Not available.
Auto – Ignition Temperature:	Not available.
Flash Points:	Not available.
Flammable Limits:	Not available.
Products of Combustion:	Not available.
Fire Hazards in presence of various substances:	Slightly flammable to flammable in presence of heat. Non- flammable in presence of shocks.
Explosion Hazards in Presence of various substances:	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instruction:	Small Fire: Use Dry chemical powder. Large Fire: Use water spray, fog or foam. Do not use water jet.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with eyes, skin and clothing Approved respirator Resistant gloves Keep container closed Store in a cool dry place
Environmental Precautions and cleaning procedure	For small spill - Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. For Large Spill - Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.

7. HANDLING AND STORAGE

Handling:	Avoid moisture, light and heat. Keep locked up. Keep away from heat. Evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible
Storing:	Keep container tightly closed. Keep container in a cool, well-ventilated area.

Packaging material: Drums of 180 kg and 50 kg, pails of 20 kg and 5 kg and 1 kg.
Label must contain product name, batch number, net weight, manufacturing date, and expiring date.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Protected from dust, moisture and light, in the original closed package.

Engineering control: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal protection: Safety glasses. Lab. Coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Labour exposition limits: Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Fine Powder.
Color:	Red Clay.
Moisture:	Not available.
Odor:	Characteristic.
Molecular Weight:	Not available.
pH (1% soln/water):	Not available.
Boiling Point:	Not available.
Melting Point:	Not available.
Critical Temperature:	Not available.
Specific Gravity:	Not available.
Vapor Pressure:	Not available.
Volatility:	Not available.
Odor Threshold:	Not available.
Water/Oil dist. Coeff.:	Not available.
Ionicity (In water):	Not available.
Dispersion Properties:	Not available.
Solubility:	Not available.

10. STABILITY AND REACTIVITY

Stability:	The product is stable.
Possibility of dangerous	N.A.

reaction:
Conditions to be avoided: N.A.
Incompatible materials: N.A.

11. TOXICOLOGICAL INFORMATION

Effects of over exposure inhalation: No hazard normal industrial use
Primary cutaneous irritation: Not considered irritating
Repeated cutaneous irritation: Not considered irritating
Maximized cutaneous sensitization: Not considered sensitizer
Repeated cutaneous photoirritation: Not considered photo irritating
Maximized cutaneous photosensitization: Not considered photosensitizer
Phototoxicity: Not considered phototoxic

12. ECOLOGICAL INFORMATION

Comment: None
Ecotoxicity: None

13. DISPOSAL CONSIDERATIONS

Methods of Disposal: Waste and empty containers must be handled and eliminated according to current, local/national legislation.
EU Code of Disposal: Dispose in accordance with local regulations.

14. TRANSPORT INFORMATION

Transport temperature (°C): 10 – 30 °C.
Transport signalization: N.A.

15. REGULATORY INFORMATION

Product doesn't require register according to health ministry.

16. OTHER INFORMATION

Source of key data: The recommendations presented in this Material Safety Data Sheet (MSDS) were compiled from actual test data, when available, comparison with similar products, component information from suppliers and from recognized codes of good practice.

The information and recommendations contained herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued, but is offered without guarantee or warranty. They relate to the specific material designated and may process.

Conditions of use the material are under the control of the user, therefore, it is user's responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use.