

Safety Data Sheet

Fuller's Earth

Section 1. Identification

Product Identifier	Fuller's Earth
Synonyms	Clay; Fireclay; Kaolin; Kaolinite; Greenstripe Clay
Manufacturer Stock Numbers	N/A
Recommended use	Product is intended for professional Special Effects use only. Uses advised against
Manufacturer Contact Address	Use of this material is at the sole risk of the purchaser.

Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2B
SKIN CORROSION/IRRITATION - Category 3



Signal Word
Danger Pictogram

Hazard Statements Causes eye irritation
Causes mild skin irritation
Causes serious eye irritation in high concentration
Causes skin irritation in high concentrations

May cause cancer. Contains quartz which can cause cancer. Risk of cancer depends upon duration and level of exposure.
May cause damage to lungs through prolonged or repeated exposure.

Precautionary Statements
Response

Get medical advice/attention if you feel unwell.
If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact

	lenses, if present and easy to do. Continue rinsing. If inhaled and irritation/discomfort occurs remove to rest in well ventilated area. Seek medical attention if irritation persists. If on skin: Immediately wash with plenty of soap and awater. Rinse thoroughly. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Prevention	Do not breathe dust/fume/gas/mist/ vapors/spray. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash skin thoroughly after handling.
Storage	Store locked up.
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Aggravated by Exposure disorders. Skin	Inhalation may aggravate: Asthma and other respiratory Prolonged exposure may cause skin irritation.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
1332-58 -7	Kaolin	100% - Max
14808-6 0-7	Quartz (SiO ₂)	20% - Max

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin	In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation	In high concentrations, vapors may be irritating to the respiratory system. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if cough or other symptoms appear.
Ingestion	This product is intended for industrial applications; in the unlikely event that this product is swallowed, consult a physician adverse medical conditions occur.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media

Unsuitable Extinguishing Media

This product is not combustible or flammable. Use extinguishing agents that are suitable to the surrounding fire.
Use any extinguishing media suitable for the surrounding area. N/A

Section 6. Accidental Release Measures

Clean-up Vacuum or sweep up material and place in a disposal container. Avoid generating dusty conditions by using gentle water spray to wet down area. Place in sealed container.
Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
For personal protection see section 8.

Section 7. Handling and Storage

Handling Avoid formation of dust and aerosols. In case of dust, wear suitable respiratory equipment. Ensure adequate ventilation.

Respirator Keep respiratory protective device available.

Storage Avoid extreme variations of temperature and humidity. Store inside. Do not store near food, foodstuffs, drugs, or potable water supplies.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL
			STEL
	Kaolin	2 R mg/m3 15 mg/m3 - Dust	5 mg/m3 - Respirable N/A
	Quartz (SiO ₂)	0.05 R mg/m3	Short term: 10 mg/m3 - respirable. Long term: 30 mg/m3 - Dust N/A

Personal Protective Equipment Goggles, Gloves, Respirator

Eyes Safety glasses, goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

Skin Gloves and protective clothing are recommended.

Respirators For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV. A dust mask does not provide protection against vapors. NIOSHA approved respirators should be used if dust is present.

Ingestion Use good industrial hygiene practices in handling this material. Do not consume or store food in the work area. Wash hands before smoking or eating.

Misc. Store protective equipment separately.

Section 9. Physical and Chemical Properties

Physical State	Solid
Color	White/Buf f Powder
Odor	N/A
Odor Threshold	N/A
Solubility	Insoluble
Partition coefficient Water/n-octanol	N/A

VOC%	N/A
Viscosity	N/A

Specific Gravity	1
Density lbs/Gal	2.65
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
Ph	4.5
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	Non-flammable
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Section 10. Stability and Reactivity

Stability Stable under normal temperatures and pressures.

Section 11. Toxicological Information

General The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Acute Toxicity Silicon dioxide - LD50 Oral - rat 10,000 mg/kg.

Eyes Eyes - Rabbit - Mild irritation after 24 hr.

Skin Skin - Rabbit - Mild irritation after 24 hr.

Aggravated by Exposure Inhalation may aggravate: Asthma and other respiratory disorders.

CRYSTALLINE SILICA Overexposure to respirable crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis. "Inhalable" crystalline silica (quartz) is listed by IARC as a Group 1 carcinogen (lung) based on "sufficient evidence" in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen: K.

Section 12. Ecological Information

General No further relevant information is available. At present there are no ecotoxicological assessments.

Section 13. Disposal

Compliance ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES. EPA CHARACTERISTIC: D001

Disposal Considerations As sold, this product is not RCRA hazardous. Final used condition must be evaluated prior to disposal. Dust created during demolition of used product may contain crystalline silica.

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name
Non-regulated DOT Classification
N/A
Packing Group N/A

Section 15. Regulatory Information

SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA 313 There are no chemicals in this material are subject to reporting under SARA Title III, Section 313.
California Prop 65 WARNING: This product contains chemical(s) known to the State of California to cause cancer. Crystalline Silica - CAS #14808-60-7

Section 16. Other Information

Revision Date 10/14/2019

[Company Policy/Disclaimer](#) The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. The supplier nor any of its subsidiaries makes no representations as to its accuracy or sufficiency. This information is furnished without warranty of any kind. Conditions of use are beyond Roger George Rentals' control and therefore users must determine whether the product is suitable for their particular purposes and they assume all risk of their use, handling and disposal of the product, or from the publications or use of, or reliance upon information contained herein. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process in which user assumes all responsibility.