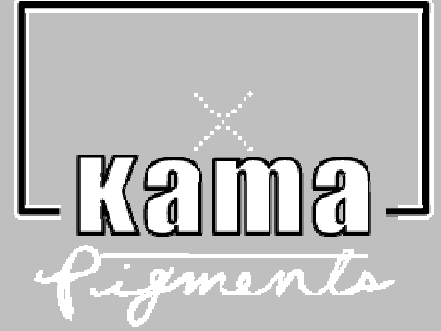


Safety Data Sheets



F.O.S. Brown Clay Pbk11, Pr101

Product code: PS-MI0340

Department: french ocre society, dry pigments

C.A.S. : 57455-37-5, 101357-30-6, 1317-65-3

Section: 1 Identification

Product Identifier:	Brown clay
Use of the product:	Coloring material for construction materials and use of creative hobbies
Index de couleur :	Pbk11, Pr101
Chemical family:	Pigments
Company:	KAMA pigments 7442 St-Hubert Montréal Québec, H2R 2N3 phone : 514 272 2173 email : info@kamapigment.com

Section: 2 Hazard Identification

HGS Label Elements



Signal Word

Danger

GHS Classification

Carcinogenicity-Cat.1A

Contains more than 0.1% of a carcinogen: crystalline silica

Specific target organ toxicity -repeated exposure-Cat.1

Hazard statements

May cause cancer (H350)

danger

Causes damage to organs through repeated exposure or prolonged exposure (H372)

Precautionary Statements

Do not handle until all safety precautions have been read and understood.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

IF exposed or concerned: Get medical advice/ attention.

Get medical advice/attention if you feel unwell.

Section: 3 Composition / Information on Ingredients

CI: R102,Bk11
Composition: Si4O10 (OH)2Mg3 + SiO2+ Al2O3 + Fe2O3 + Fe3O4
CAS: 57455-37-5, 101357-30-6, 1317-65-3
REACH: la préparation n'est pas soumise à REACH

To the present knowledge of the supplier, this product does not contain any hazardous ingredients to require a declaration in this section, in accordance with EU regulations or national regulations.

Section: 4 First Aid Measures

Transport the person to the fresh air. In case of fainting, place the person in a lateral safety position. Immediately flush eyes with plenty of water, occasionally lifting the eyelids. Check if the victim wears contact lenses and in this case remove them. If irritation occurs, consult a doctor.

Section: 5 Fire Fighting Measures

The preparation is not flammable. In case of fire, spray with water (in fog), foam, dry chemical or carbon dioxide.

Section: 6 Accidental Release Measures

Provide adequate ventilation. Put on appropriate personal protective equipment. Avoid dispersal and spillage of the spilled product and contact with soil, surrounding aquatic environment, sewers or drains.

Section: 7 Handling And Storage

Handling procedures : Avoid creation of respirable dust. Avoid contact with eyes and skin. Avoid inhalation and ingestion. Wash skin thoroughly after handling and before eating or smoking. Avoid dusting when handling and avoid all possible sources of ignition (spark or flame). Use spark-proof tools and explosion-proof equipment. Use good industrial hygiene practices in handling this material.

storage needs : store in a cool, dry, well-ventilated area keep container tightly closed.

Section: 8 Exposure Control/Personal Protection

ingredients	ACGIH tlv twa stel	OSHA pel pel stel	NIOSH rel
crystalline silica quartz limestone	0.025 mg/m ³ respirable 10 mg/m ³ total dust		
ventilation requirements	general ventilation is recommended		
protective equipment			
eye/type	wear safety glasses with side shields or goggles		
respiratory/type	a niosh/osha approved dust respirator should be worn determine the appropriate type by consulting the respirator manufacturer		
gloves/ type	wear protective gloves		
clothing/type	no special protective clothing is required		
footwear/type	no special footwear is required		
body/type	no special protective clothing is required		

Section: 9 Physical and Chemical Properties

Physical state:	powder
Color:	light brown
Odor:	odorless
PH :	not known
Melting point:	not available
Solubility:	insoluble
Bulk density:	638 g / l

Section: 10 Stability And Reactivity

Satbility :	stable
incompatibility :	None known.
Conditions to avoid :	Avoid dust formation. Avoid heat and any source of ignition.
shock sensitivity:	not sensitive
sensitivity to electrostatic discharge:	Dust suspended in the air in critical proportions and in the presence of an ignition source may explode.
hazardous decomposition products :	not applicable

Under normal conditions of storage and use, hazardous decomposition products should not occur.

Section: 11 Toxicological Information

ingredients	lc50	ld50
crystalline silica quartz	not indicated	> 8000 mg/kg oral rat
limestone	not indicated	oral rat 6,450 mg/kg
signal phrase	iarc group 1 carcinogen	
route of entry	eye contact skin contact inhalation ingestion	
skin contact	may cause skin irritation avoid skin contact	
eye contact	causes eye irritation avoid eye contact	
inhalation	iarc has classified crystalline silica as carcinogenic to humans may cause irritation of nose, throat or respiratory tract	
ingestion	ingestion of large amounts may cause gastrointestinal irritation do not ingest	
medical conditions affected by exposure	pre-existing respiratory disease may be aggravated by exposure to this material	
signs of over exposure	prolonged, excessive exposure to dust may cause chronic pulmonary disease	
toxicity effects on animals	no additional remark	
toxic effects on humans	may cause slight respiratory irritation may cause slight eye irritation	
chronic effects on humans	prolonged exposure can cause pulmonary disease long term exposure to products containing crystalline silica may cause silicosis	

teratogenicity	no evidence of teratogen effects
mutagenicity	no evidence of mutagenic effects
reproductive effects	no evidence of reproductive effects
carcinogenicity	iarc group 1

Section: 12 Ecological Information

Environmental Impact :	When released to soil, this product may seep into groundwater. When released into the air, this material can be removed from the atmosphere to a moderate extent by wet deposition.
Environmental toxicity :	No known significant effects or critical hazards.

Section: 13 Disposal Considerations

In general: Check the suitability of the product for reuse. Uncleaned waste and uncleaned packaging must be packaged or closed, labeled and disposed of at a destruction or recycling center in accordance with applicable national legislation. Consult the manufacturer in case of large quantities. If uncleaned empty containers are forwarded, inform the consignee of the possible risks due to the residues of the product. For disposal within the EU, use the waste code in force according to the European Waste List (LED). Any waste producer is, among other things, required to classify his waste according to the category and process code of the European Waste List (LED).

To the present knowledge of the supplier, this product is not considered a hazardous waste as defined by EU Directive 91/689 / EEC

Section: 14 Transport Information

This product is not subject to labeling. No special conditions

Section: 15 Regulatory Information

Safety, health and environmental regulations / legislation specific for the substance or mixture,

Classification and labeling information in section 2:

The following regulations have been taken into account:

Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 487/2013
Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 758/2013
Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 944/2013
Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 605/2014
Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 1297/2014

Packaging information: No data available.

Special provisions: No data available.

Chemical Safety Assessment: No data available.

Section: 16 Other Information

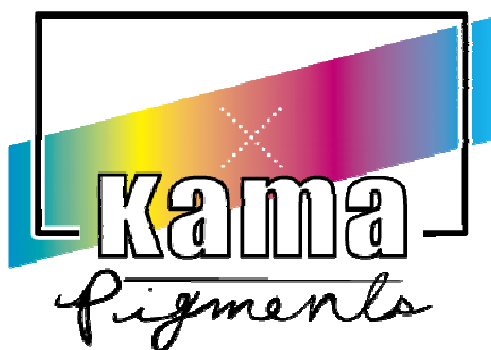
Reference	Manufacturer's material safety data sheet.
Prepared by	Kama pigments

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Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information, refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from your local Kama pigments Sales Office.

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