

SAFETY DATA SHEET

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EG) 1272/2008 and Regulation (EG) 453/2010 – no quartz respirable)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Highly Grogged Crank Clay Body
Product number P1566
 Naturally Occurring Clay
REACH Registration No. Exempted in accordance with Annex V.7
Synonyms : Kaolinitic clays / plastic clays /ball clays / fine clays.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic substrate in manufacture of sanitary ware, floor tiles , wall tiles, roof tiles, porcelain, tableware & refractories.

1.3. Details of the supplier of the safety data sheet

Supplier Pottery crafts Ltd.,
 Campbell Road,
 Stoke on Trent,
 Staffordshire.
 Uk. ST4 4ET
 Tel 44 (0)1782 745000
 sales@pottery crafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0) 1782 745000 Office hours

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EEC.

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC : Not Classified
Precautionary statements Avoid generating and breathing dust from product in the dry state.

2.3. Other hazards

This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex X111 of REACH.

SECTION 3: Composition/information on ingredients

3.1 Main constituent.

Name %	by weight	EINECS No.	CAS-No.	EU Classification.
Kaolinitic clay	100%	999999-99-4	310-127-6	No Classification.

3.2 Components

Natural mineralogical constituents of kaolinitic clay				
Kaolinite	1318-74-7	215-286-4		No classification
Mica	12001-26-2	310-878-6		No classification
Quartz	14808-60-7	238-878-4		None

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Movement of the exposed individual from the area to fresh air is recommended..
Ingestion Rinse mouth thoroughly with water. Drink a few glasses of water or milk.
Skin contact Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact Rinse with copious quantities of water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

No acute or delayed symptoms and effects are observed

4.3. Indication of any immediate medical attention and special treatment needed

No specific actions are required.

SECTION 5: Firefighting measures

5.1. Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
5.2. Special hazards arising from the substance or mixture	
Specific hazards	Non-combustible No hazardous thermal decomposition.
5.3. Advice for firefighters	
Protective actions during firefighting	No specific fire-fighting protection is required.
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.

6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Avoid dry sweeping and use water spraying or vacuum cleaning system to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.

6.4. Reference to other sections

See sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep in a cool place. Do not allow to freeze

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Follow workplace regulatory limits for all types of airborne dust. (eg. Total dust, respirable dust and respirable crystalline silica dust).

For the equivalent limits in other countries, please consult a competent occupational hygienist.

Total Inhalable Dust 10mg/m³ - 8hr TWA Total respirable Dust 4mg/m³ - 8hr TWA

Ingredient comments

8.2. Exposure controls

Appropriate engineering Controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection

Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Moist mineral mass
Colour - unfired	Deep Red-Brown
Odour	Odourless.
pH	pH (diluted solution): 7
Solubility(ies)	Insoluble in water.

9.2. Other information No other information

SECTION 10: Stability and reactivity

10.1. Reactivity Inert, not reactive.

10.2. Chemical stability Stable at normal ambient temperatures and when used as recommended. Material will lose water by evaporation.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No hazardous reactions.

10.4. Conditions to avoid

Conditions to avoid Not relevant.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Not relevant.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute Toxicity	Based on available data, the classification criteria are not met.
Skin/corrosion/irritation.	Based on available data, the classification criteria are not met.
Serious eye damage.	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT- single exposure	Based on available data, the classification criteria are not met
STOT repeated exposure	Based on available data, the classification criteria are not met
Aspirational hazard	Based on available data, the classification criteria are not met

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity Not relevant

12.2. Persistence and degradability

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential Not relevant

12.4. Mobility in soil Negligible

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects No specific adverse effects known.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations Health and Safety at Work etc. Act 1974 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Dangerous Substances Directive 67/548/EEC.
Dangerous Preparations Directive 1999/45/EC.
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.

15.2. Chemical safety assessment
Exempted from REACH Registration in accordance with Annex V7.

SECTION 16: Other information

Health & Safety Executive (specific for UK) : Detailed reviews of the scientific evidence on the health effects of crystalline silica have been published by HSE (Health and Safety Executive ,UK) in the Hazard Assessment Documents EH75/4 (2002) and EH75/5 (2003). The HSE points out on its website that “ Workers exposed to fine dust containing quartz are at risk of developing a chronic and possibly severely disabling lung disease known as “silicosis”. In addition to silicosis , there is now evidence that heavy and prolonged workplace exposure to dust containing crystalline silica can lead to an increase risk of lung cancer. The evidence suggests that an increased risk of lung cancer is likely to occur only to those workers who have developed silicosis.

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