



CLAYMAN

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SAFETY DATA SHEET

CLAY IN PLASTIC FORM

1. Identification of substance/preparation and of the company undertaking

Trade Name:

1000	1050	1081	1106
1020	1054	1082	1109
1030	1057	1083	1110
1032	1058	1084	1114
1035	1067	1085	
1038	1069	1086	
1040	1072	1090	
1044	1080	1102	

Chemical Name:

Synonyms: None

Supplier: As Above

2. Composition /information on ingredients

Prepared clay body is a mixture of natural minerals and may contain ball clay, china clay, ground quartz, ground cristobalite and fluxes (naturally occurring feldspathic material or nepheline syenite). Small amounts of calcined alumina bearing minerals may also be added.

3. Hazards Identification

Main Hazards	Prepared clay body contains free silica. If allowed to dry out dust containing respirable silica may be liberated. Danger of serious damage to health by prolonged exposure.
Health effects (Eyes)	Dust will cause transient irritation by abrasion.
Health effects (Skin)	Dust may cause irritation by abrasion.
Health effects (Ingestion)	Castro-intestinal irritation.
Health effects (Inhalation)	Exposure to dust may have the following effects: severe irritation to nose, throat and respiratory tract and possibly lung damage, due to respirable silica.

4. First Aid Measures

Inhalation	Remove from exposure, keep warm and rest. If there is difficulty in breathing, give oxygen. Obtain medical attention.
Ingestion	Wash out mouth with water. Do not induce vomiting. Obtain medical



	attention.
Eyes	Immediately flood the eye with water, for at least 10 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
Skin	Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.
Advice to Physicians	Treat symptomatically

5. Fire Fighting Hazards

Extinguishing Media	Not combustible. Select extinguishing agent appropriate to other materials involved.
Special Hazards of Products	Avoid the formation of dust clouds

6. Accidental Release Measure

Spillages	Avoid creating a dust.
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7. Handling & Storage

Handling	Wash hands / skin after use. If during processing exposure to product dust can occur, the use of local exhaust ventilation is the recommended means of complying with Occupational Exposure Limits. Refer also to Section 8.
Storage	Store in sealed packaging (e.g. as supplied) in normal, dry conditions to ensure loss of moisture is minimised.

8. Exposure Control/Personal Protection

Occupational Exposure Standards	Contains crystalline silica: UK EH40 OES 0.4mg/m ³ TWA. As SiO ₂ dust, respirable.
Engineering Control Measure	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
Respiratory Protection	Dust respirator if conditions are dusty.
Hand Protection	Only required for those with sensitive skin.
Eye Protection	Provide eye wash
Body Protection	Normal work wear. Overall or apron.
Protection During Application	In all cases of protective equipment the user must ensure that the equipment complies with the relevant standard. If there is any doubt the user should show this data sheet to the supplier of the equipment to ensure the correct equipment is available.

9. Physical & Chemical Properties

Physical State:	Prepared clay body has a soft and pliable consistency and contains 18-20% water.
Colour:	Normally brown, grey or white
Odour:	None
Specific gravity (20°C):	Ca. 2.6 (dry product)
Solubility in Water:	Negligible
Specific Gravity:	2.6



10. Stability & Reactivity	
Stable Under normal conditions except that loss of moisture will occur on exposure to the atmosphere. Hazardous polymerisation will not occur. No hazardous decomposition products under foreseeable circumstances.	
11. Toxicological Information	
Irritancy (Eyes):	This material is an irritant to the eyes.
Irritancy (Skin):	The degree of irritation was insufficient to warrant labelling as a skin irritant.
12. Ecological Information	
Mobility:	The product is involatile and insoluble and will accumulate in the ground.
Persistent/Degradability:	This product is resistant to biodegradation
13. Disposal Considerations	
Dispose in accordance with current waste Disposal regulations (for UK – Control of Pollution {Special Waste} Regulation 1980). Landfill is the most appropriate method.	
Small amounts may be washed to trade effluent drains provided effluent conditions are complied with.	
14. Transport Information	
ADR/RID (Description)	Not classified for conveyance purposes.
15. Regulatory Information	
Labelling Information:	Not classified.



16. Other Information	
Uses & Restrictions:	Prepared clay body is used for the manufacture of ceramics.
Additional Information:	The product contains respirable silica in the form of quartz and in some cristobalites. Prolonged exposure to dust can give rise to fibrosis of the lungs commonly known as silicosis.
Third Party Materials	Insofar as material not manufactured or supplied by Clayman are used in conjunction with, or instead of Clayman materials, it is the responsibility of the customer itself, to obtain from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Clayman materials in conjunction with other materials.
Liability:	Such information is to the best of Clayman's knowledge and belief accurate and reliable. However, no representation, warranty or guarantee is made as to its accuracy or completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

National Legislation
UK Legislation SI 1993/1746: Chemical (Hazard Information and Packaging) Regulations 1993. Environmental Protection (Duty of Care) Regulations 1992 SI 2839 Carriage of Dangerous Goods by Road and Rail Regulations 1994 Control of Pollution Act 1974 Environmental Protection Act 1990 Highly Flammable Liquids and Petroleum Spirit Regulations 1972 EH40 Occupational Exposure Limits SI1988/1657: The Control of Substances Hazardous to Health Regulations Note: This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations.



This data sheet revision is in accordance with the requirements of EEC Directive 91/55/EEC. Issue No. (D).

1000	Swan Blend
1020	Rocco Red
1030	Clayman Special Buff
1032	Wessex Oxidising
1035	Wessex Mixture
1038	Really Good Stoneware
1044	Pearl White
1050	T Material
1054	New World Mix
1055	Art Crank
1057	Oz Crank Plus
1059	Earthstone Crank
1067	PB103 Fine White Stoneware
1069	White Mid-fire Stoneware
1070	Studio White Earthenware
1072	Super White Earthenware
1080	Toasted Stoneware
1081	Earthstone Original
1082	Earthstone Smooth Texture
1083	Earthstone Handbuilding
1084	Superior Porcelain
1085	Studio Porcelain
1086	Imperial Porcelain
1090	Red Marl Terracotta
1106	White St. Thomas
1114	Craft Crank
1102	Oxidising St Thomas
1109	Flecked Stoneware
1110	Throwers Mix

NOTES: The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.