

THE SHAW GROUP LIMITED
MATERIAL SAFETY DATA SHEET



MATERIAL – Clay

SECTION I – PRODUCT IDENTIFICATION

Product Name: Raw Clay, Powdered Clay
Product Use: Pottery, Ceramics

Supplier name and address:
The Shaw Group Limited
P.O. Box 2130
Lantz, Nova Scotia
B2S 3G4

Manufacturer name and address:
Same

Emergency Tel. #: (902) 883-2201 (daytime only)
Fax #: (902) 883-1273
Chemical Name: Mixture

Emergency Tel. #: Same
Fax #: Same
Molecular weight: N. Ap.

SECTION II - INGREDIENTS

Ingredients:	CAS #	%	LC ₅₀ ppm	LD ₅₀ mg/kg
Iron Compounds				
Calcium Oxide		0 - 2		

SECTION III – PHYSICAL DATA

Physical State:	Raw Clay: Wet	Freezing Point:	Raw clay: 0°C but
Odour and appearance:	Earthy smell. Raw clay is wet. Powdered clay is dry, lose.		not damaging to raw materials.
Odour threshold:	N. Ap.	pH:	N. Ap.
Specific gravity:	Moldable	Vapour density (air 1):	N. Ap.
Coefficient of water/oil distribution:	N. Ap.	Evaporation rate (BuAc 1):	N. Ap.
Vapour pressure (mmHg):	N. Ap.	Volatility, %:	N. Ap.
Boiling point:	N. Ap.	Solubility in water:	N. Ap.
		Density g/ml:	N. Ap.

SECTION IV – FIRE AND EXPLOSION DATA

Conditions of flammability: N. Ap.
Means of extinction: N. Ap.
Sensitivity to mechanical impact/static discharge: N. Ap.
Flash point (Method): N. Ap.
Upper/Lower flammable limits (% by volume): N. Ap.
Auto-ignition temperature: N. Ap.
Hazardous combustion products: N. Ap.

SECTION V – REACTIVITY DATA

Stability: N. Ap.
Incompatible materials: N. Ap.
Conditions of reactivity: N. Ap.
Hazardous decomposition products: N. Ap.

N. Av. Not Available
N. Ap. Not Applicable

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SECTION VI – TOXICOLOGICAL PROPERTIES

LD₅₀ of material:	N. Ap.
LC₅₀ of material:	N. Ap.
Exposure limit:	N. Ap.
Route of entry:	Inhalation of powdered clay particles.
Effects of Chronic Exposure or Product:	
Irritancy of Product:	N. Ap.
Acute effects:	N. Ap.
Other effects:	N. Ap.
Sensitization to product:	N. Ap.
Synergistic product:	N. Ap.
Other effects:	N. Ap.

SECTION VII – PREVENTIVE MEASURES

Personal Protective Equipment:	
Gloves:	N. Ap.
Respiratory (Specify):	
Eye (Specify):	For use with powdered clay to avoid small particulates being blown into eye.
Footwear (Specify):	N. Ap.
Clothing (Specify):	N. Ap.
Other (Specify):	N. Ap.
Engineering Controls (e.g. ventilation, enclosed process, specify):	To minimize dust, add water.
Leak and Spill Procedure:	N. Ap.
Waste Disposal:	Non-hazardous waste.
Handling Procedures and Equipment:	N. Ap.
Storage Requirements:	Store sealed bags in a dry cool place.
Special Shipping Information:	N. Ap.

SECTION VIII – FIRST AID MEASURES

Skin:	N. Ap.
Eye:	
Inhalation:	
Ingestion:	
General Advise	

Additional Information/Comments:

SECTION IX – PREPARATION DATE OF M.S.D.S.

Prepared by: Brady Hawley, Division Engineer	Phone: 1-902-883-2201	Date: May 1995
		Rev.: May 1997
		Rev.: July 1999
		Rev.: July 2001
		Rev.: Mar 2012
		Rev.: Jan. 2008
		Rev.: June 2015

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