

MONSTER CLAY

Material Safety Data Sheet

15901 Hillard Rd. Rear, Lakewood, OH 44107
Telephone Number: (216) 521-7739

SECTION 1 · Product and Emergency Information

PRODUCT NAME:

Monster Clay

PRODUCT CODE:

MMOBC

EMERGENCY TELEPHONE NUMBER:

Chemtrec: (800) 424-9300

MSDS NO.

MMOBC

SECTION 2 · Composition/Information on Ingredients

No hazardous ingredients as defined by the Canadian Hazardous Products Act (Bill C70) or by OSHA-29-CFR 1910.1200

Chemical Name: Not applicable

Chemical Family: Blend of petroleum hydrocarbon & food grade Fillers.

SECTION 3 · Hazards Identification

Emergency Overview

This is a solid material at room temperature that softens and melts to a liquid as the temperature is increased above its melting point. Under normal usage this product is used as a solid material at room temperature. If it is heated in an open container to a temperature well above its melting point, hydrocarbon vapors and oxidized products could be generated. If the temperature is sufficiently high, the liquid could flash and burn when exposed to an ignition source.

SKIN CONTACT: Contact with molten material will result in a severe thermal burn.

EYE CONTACT: Contact of the eye with molten material will cause thermal burns and eye injury.

INHALATION: Respiratory discomfort and irritation are possible if breathed in a confined area.

Potential Health Effects:

Eyes:	Exposure to fumes, vapors or smoke from thermally degraded material will cause eye irritation.	Ingestion:	Although this material is essentially inert and non-toxic, it should be handled with care and not placed in the mouth or ingested.
Skin:	Contact with molten material can cause severe thermal burns.	Inhalation:	If molten material gives off fumes, vapor or smoke in a confined area, irritation of the respiratory tract and physical discomfort of sensitive individuals could be expected.

SECTION 4 · First Aid Measures

Eyes:	Face shields must be worn when working with molten material. If an accident should occur, flush eyes with water for at least 15 minutes, administer first aid and call physician to treat the injury.	Ingestion:	Material is not acutely toxic. Do not induce vomiting. Call a physician.
Skin:	For thermal burns, apply running water to the burned area for 15 minutes. Do not attempt to remove wax from the skin. Call a physician to treat the injury.	Inhalation:	Remove individual to well-ventilated area and call a physician if respiratory conditions warrant medical attention.

SECTION 5 · Fire Fighting Measures**Flash Point:** > 250°F**Method:** Cleveland Open Cup**LFL:** No Data **Fire & Explosion Hazards:** Will support fire above its flash pt.**UFL:** No Data **Flammable Limits:** N/A**Hazardous Decomposition Products:** Smoke, carbon dioxide, carbon monoxide and other decomposition product. The ash residue from a fire may contain calcium oxide.**Extinguishing Media:** Dry chemical, foam or water fog.**Fire Fighting Equipment and Instructions:**

Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage (29CFR 1910.156). In addition, wear other appropriate protective equipment as conditions warrant. Isolate danger area, keep unauthorized personnel out. Contain spill if it can be done with minimal risk. Move undamaged containers from danger area if it can be done with minimal risk. Cool equipment exposed to fire with water, if it can be done with minimal risk.

SECTION 6 · Accidental Release Measures**Spill or Leak Procedures:**

Handle as a thermoplastic. With molten spills, allow the material to solidify and cool. Keep material out of sewers and water courses by diking or impounding. Recover and place into appropriate containers for recycling or disposal, according to prevailing local, state and federal laws.

SECTION 7 · Handling and Storage

When storing as a solid, keep containers closed and store in a clean, dry area away from excessive heat.

SECTION 8 · Exposure Controls/Personal Protection

This material may be utilized in molten or semi molten form. Proper protective splash resistant clothing, thermal gloves, splash resistant shoes, and eye shields must be worn to prevent injury. Use molten material in well-ventilated areas. When used as a solid material, normal precautions common in good manufacturing practices should be followed, including normal ventilation procedures.

SECTION 9 · Physical and Chemical Properties

Appearance: Neutral Solid	Boiling Point	>500°F	Specific Gravity (H2O-1):	1.35
	Vapor Pressure (mm Hg):	N/A	Melting Point: 135°F	N/A
Odor: Very slight, waxy odor	Vapor Density (AIR=1):	> 5	Evaporation Rate: (Butyl Acetate-1)	< .01
	Solubility in Water:	< 0.1%	Percent Volatiles:	< 1%

SECTION 10 · Stability and Ractivity

Stability	Unstable		Conditions to Avoid:
	Stable	X	

Incompatibility (Material to Avoid): Oxidizing agents, acids.**Hazardous Decomposition or By-products:** Smoke, carbon dioxide, carbon monoxide

Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	X	

SECTION 11 · Toxicological Information

CARCINOGENICITY CLASSIFICATION		ROUTE of ENTRY					
IARC: Not listed	NTP: Not listed	Skin Contact	[X]	Eye Contact	[]	Inhalation Acute	[X]
OSHA: Not listed	ACGIH: Not listed	Skin Absorption	[]	Ingestion	[]	Inhalation Chronic	[X]
Effects of acute exposure to material: Wax fumes have been reported to be irritating to the respiratory tract, especially to sensitized persons. Molten product could cause thermal burns on contact with the skin.							
Effects of chronic exposure to material: In rats, chronic ingestion has shown accumulation in target organs (liver, spleen) with associated nonspecific immune response.							
LD50 of material: Specify Species & Route	LC50 of material: Specify Species	Exposure limit of material: TLV.TWA 2 mg/m ³ for Paraffin wax fume (A.C.G.I.H.)			Irritancy of material: TLV set to prevent irritancy		
NOT AVAILABLE	NOT AVAILABLE	Reproductive effects of material			Synergistic materials		
Sensitizing capability of material	Carcinogenicity/Mutagenicity of material	NONE KNOWN			NONE KNOWN		
NOT KNOWN	Not carcinogenic by studies to date. Ames negative						

SECTION 12 · Ecological Information

Material is not considered harmful to the environment nevertheless, material from spills and other generated waste must be disposed of properly in conformance with all local, state and federal laws.

SECTION 13 · Disposal Considerations

This material, if discarded as produced, is not a RCRA "listed" or "characteristic" hazardous waste. Use which results in chemical or physical change or contamination may subject it to hazardous waste regulations. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

SECTION 14 · Transport Information

DOT proper shipping name	Not regulated
DOT hazardous classification	Not applicable
DOT haz. mat. Table 172.101	Not listed
DOT appendix to sec. 172.101	Not listed
DOT labels required	None
DOT PLACARDS REQUIRED	None for solid products

SECTION 15 · Regulatory Information

CERCLA reportable quantity	This material is not reportable under 40 CFR Part 302.4
OSHA hazardous chemicals	None according to 29 CFR 1910.1200.
RCRA	This material is not a RCRA hazardous waste.
SARA status	Sections 311 and 312: Not applicable.
WHMIS status	This is not a controlled material as defined by the Canadian Hazardous Product act (Bill C70).
California Proposition 65 list	There are extremely small but detectable amounts of substances regulated under California Proposition 65: Chromium (IV) <.05 PPM;
Massachusetts Substance list	None
New Jersey Haz. Substance list	None

SECTION 16 · Other Information

Label Information: Product Number, Batch Number, Weight	Date: January 1st, 2012
Prepared by: Arnold Goldmabn	Supersedes: January, 1989
Title: Formulator	

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