☑GHS Compliant

Safety Data Sheet

SDS No. MMOBC

Section 1 - Identification

1.1 Product Identifier: Monster Clay® Soft Grade; Monster Clay® Medium Grade; Monster Clay® Hard Grade

1.2 General Use: Modeling Clay

1.3 Manufacturer: The Monster Makers, Inc.,
13597 West Parkway Rd., Cleveland, OH 44135
Phone: (216) 671-8700
sales@monstermakers.com

1.4 Emergency Contact: Chem-Tel
Domestic: 800-255-3924 International 813-248-0585

Section 2 - Hazards

2.1 Classification of the substance or mixture: This product is not hazardous as defined in 29 CFR1900.1200. The composition of this clay is a trade secret as allowed by 29 CFR 1910. 1200-48. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

Product labeling conforms to ASTM D-4236 (no special label required).

General Precautions:
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.

Prevention Precautions:
P202: Do not handle until all safety precautions have been read and understood.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash with soap and water thoroughly after handling.
P281: Use personal protective equipment as required.

Section 3 - Composition / Information on Ingredients

3.1 Substances:

Component	Percent
Wax	**10-60**
Oil	**10-60**
Non-Sulfur Filler	**10-60**

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Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation: Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If fumes are generated when the material is heated or handles, remove individual from exposure. If a cough or other symptoms develop, seek medical attention.

Eye Contact: If splashed into eyes, immediately flush with water for 15 minutes or until irritation subsides. If material is hot, treat for thermal burns and take victim to a hospital. If irritation persists, call a physician.

Skin Contact: In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as an emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury. For hot product, immediately immerse in or flush the burned area with large amounts of cold water to dissipate heat. Prolonged or repeated skin contact may cause skin irritation.

Ingestion: Product is practically non-toxic.

Do not induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms and effects, both acute and delayed: None Known.

4.3 After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

5.1 Extinguishing Media: Foam, water spray (fog), dry chemical, carbon dioxide, and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product.

5.2 Special hazards arising from the substance or mixture: None

5.3 Advice for firefighters:

Use water spray, dry chemical, foam, or carbon dioxide to extinguish the fire. Use water to keep fire-exposed containers cool. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. If a leak or spill has not ignited, use water spray to disperse vapors and to provide protection for persons attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Section 6 - Accidental Release Measures

6.1 Personal Precautions, protective equipment and emergency procedures:

This product may be classified as an oil under Section 311 of the Clean Water Act, and under the Oil Pollution Act. Discharges or spills that enter a water body must be immediately reported to the National Response Center.

Chemical goggles, impervious gloves, appropriate protective clothing.

6.2 Environmental precautions:

Enclose with diking material to prevent seepage into natural bodies of water. Comply with local, state, and federal regulatory agency regulations on reporting releases.

6.3 Methods and materials for containment and cleaning up:

Notify appropriate authorities of spill. This material will float on water and will be transported by storm runoff. Spills to the ground should be immobilized and removed immediately. Spills to watercourses such as storm drains, sewers, ditches, streams, ponds, etc. must be contained with dikes, dams, floating booms, pads, etc., as appropriate. Recover free product. Absorb with appropriate inert materials such as sand, clay, earth, or other suitable absorbent to spill area. Remove all sources of ignition. Minimize skin contact. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Keep away from flames, sparks, oxidizing materials or hot surfaces.
Never use a torch to cut or weld on or near container. NFPA Class IIIB storage. Wash thoroughly after handling. This product is not classified as hazardous under DOT regulations. Fire extinguishers should be kept readily available. See NFPA 30 and OSHA 1910.106-Flammable and combustible liquids.

7.2 Conditions for safe storage, including any incompatibilities

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, solvents, kerosene, or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

Section 8 – Exposure Controls / Personal Protection

8.1 Control Parameters:

8.2 Exposure controls:

Respiratory Protections: Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handles, use an organic vapor respirator with a dust or mist filter. All respirators must be NIOSH/MSH certified. DO NOT USE COMPRESSED OXYGEN IN HYDROCABRON ATMOSPHERES.

Hand Protection: Avoid prolonged and/or repeated skin contact. If prolonged contact cannot be avoided,

wear protective, impervious clothing (gloves, boots, aprons, etc.). If handling hot material, use insulated protective clothing (gloves, boots, aprons, etc.). Acceptable materials for gloves are polyvinyl chloride, neoprene, nitrile, polyvinyl alcohol, and Viton. Launder soiled clothes. Properly dispose of contaminated leather articles including shoes, which cannot be decontaminated.

Eye Protection: Use safety glasses or splash goggles when eye contact may occur. Have suitable eye

wash water available.

Other Protective Clothing/Equipment:

Provide readily accessible eye wash stations & safety showers.
Wash at end of each shift & before eating, smoking or using the toilet. Remove clothing that becomes contaminated.
Destroy contaminated leather articles.
Launder or discard contaminated clothing.

Comments:

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance: Neutral Solid; reddish brown	**Vapor Pressure:** N/A
Odor/Threshold: Waxy Odor	**Vapor Density (Air=1):** >5
pH:	**Specific Gravity (H2O=1, at 4C):** 0.8125
Melting Point/Freezing Point: 135F	**Water Solubility:** <0.1%
Low/High Boiling Point: >500F	**Partition Coefficient:**
Flash point: >400°F COC ASTM D92	**Auto-Ignition Temperature:** N/A
Evaporation Rate: <.01	**Decomposition Temperature:** N/A
Flammability: IIIB	**Viscosity:** 45-50 SUS (ASTM 2161 @210°F)
UEL/LEL	**% Volatile:** <1%

Section 10 - Stability and Reactivity

10.1 Reactivity: Stable

10.2 Chemical Stability: Stable

10.3 Possibility of hazardous reactions: None.

10.4 Conditions to avoid: Sources of ignition

105. Incompatible Materials: May react with strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc., as this presents a serious explosion hazard.

10.6 Hazardous Decomposition Products:

Combustion may produce carbon monoxide and other asphyxiates.

Section 11 - Toxicological Information

11.1 Information on Toxicological Effects:

Skin Corrosion/Irritation: Prolonged or repeated skin contact with this product tends to remove skin oils,

possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a “corrosive” nor an “irritant” by OSHA criteria.

Serious Eye Damage/Irritation:

Product contacting the eyes may cause eye irritation.

Respiratory/Skin Sensitization: Product has a low order of acute and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

No component of this product is known as a sensitizer.

Germ Cell Mutagenicity: No known reports of mutagenic effects in humans.

Reproductive Toxicity: No known reports of reproductive effects in humans.

No known reports of embryotoxic effects in humans.

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

In accordance with the current OSHA Hazard Communication Standard criteria, this product does not require a cancer hazard warning. This is because the product is formulated from base stocks which are severely hydrotreated, severely solvent extracted, and/or processed by mild hydrotreatment and extraction. Alternately, it may consist of components not otherwise affected by IARC criteria, such as atmospheric distillates or synthetically derived materials, and as such is not characterized by current IARC classification criteria.

Potential Health Effects - Miscellaneous: None.

Section 12 - Ecological Information

12.1 **Toxicity:** If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish, but if spilled into shallow, running water may coat gill structures resulting in suffocation. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming. This material is a solid at ambient conditions and should not present a major hazard to groundwater, if spilled

13 - Disposal Considerations

13.1 **Waste Treatment Methods:** All disposals must comply with federal, state, and local regulations. Product as supplied does not meet the characteristics of a hazardous waste as defined in 40 CFR 261.21-24. If mixed with other products, waste mixture must be characterized. DO NOT dispose of this product in drains or storm sewers. DO NOT dispose of this product in a landfill without prior solidification. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. Materials should be recycled, if possible. Consider waste brokering.

Section 14 - Transport Information

14.1 **Department of Transportation Classification:**
NOT HAZARDOUS BY DOT REGULATIONS IF SHIPPED AT A TEMPERATURE BELOW 212°F

Hazard Class: IIIB

DOT IDENTIFICATION NUMBER:
NOT APPLICABLE IF SHIPPED AT A TEMPERATURE BELOW 212°F

SPECIAL TRANSPORTATIO N NOTE: If shipped at or over 212°F in containers of over 118.9 gallons capacity, this substance will be regulated as a DOT hazardous Substance with the following description:

Elevated Temperature Liquid, N.O.S., 9, UN3257, PG III

This product is considered an oil under 49 CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3,500 gallons or more, it is subject to the requirements of Part 130.

Section 15 - Regulatory Information

15.1 **Safety Health and environmental regulation/legislation specific for the substance or mixture:**

In the United States (EPA Regulations):

SARA 302 Components: N/A

SARA 311/312 Hazard(s): N/A

15.2 FOOD & DRUG ADMINISTRATION (FDA):
This material has Generally Recognized as Safe (GRAS) status under specific FDA regulations. Additional information is available from the Code of Federal Regulations (CFR) which is accessible on the FDA's website.

15.3 STATE REGULATIONS:

No components of this material require labeling under California Proposition 65. None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, and PA.

15.4 INTERNATIONAL REGULATIONS

The product is listed on the European Inventory of Existing Commercial Substances.

15.5 CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

None of this product's components are listed on the Canadian Controlled Product Ingredient Disclosure List.

Section 16 - Other Information

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SDS Version: 3
Date Prepared: 5/15/18

Glossary: ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CASChemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIPChemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRAEmergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQTexas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer: The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the

use of this product is not within the control of The Monster Makers, Inc. regardless of the legal theory advanced, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use. This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH). Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.