

Effective November 22, 2015

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InfoTox No. Z\_112215SDS-1**SAFETY DATA SHEET***Globally Harmonized System of Classification and Labeling of Chemicals (GHS)***1. Substance/Preparation And Company Identification**

**Name of the Product:** **Make-A-Mold**  
**Other Means of Identification:** Alginate Impression material  
**Recommended use:** For making molds  
**Supplier Information:**  
**Company:** The Casting Kit Company  
 Reno, NV 89506  
**Company Phone Number:** 800-211-2741/ 775-852-9099  
**Fax:** 775-852-9007  
**Emergency Phone Number:**

**2. Hazards Identification****GHS Classifications**

Hazard	Category	Signal Word	Hazard statement	Symbol
<b>Physical Hazards</b>	None	None	None	None
<b>Health Hazards Acute Toxicity</b>	None	None	None	None
<b>Carcinogenicity</b>	None	None	None	None
<b>STOT: Specific Target Organ Toxicity following repeated exposures.</b>	None	None	None	None
<b>Skin Corrosion /Irritation</b>	None	None	None	None
<b>Eye Irritation</b>	2B	Warning	H320 Causes eye irritation	None
<b>Aspiration Hazard</b>	None	None	None	None

**Emergency Overview:** Warning! Lung injury hazard. Do not breathe dust. May cause delayed lung injury. Long term exposure can cause chronic pulmonary disease.

**Route of Entry:** **Inhalation:** yes. **Eye:** Yes. **Skin:** no. **Ingestion:** yes.

**Carcinogenicity:** NTP: no. IARC: no. OSHA: no.

**Reproductive Toxicity:** No reproductive toxicants over 0.1% in formula.

**Specific Target Organ Systemic Toxicity (TOST):** Causes damage to lungs through repeated exposure.

**Effects of Exposure:**

**Acute: Eye:** not permanently damaging to eyes.

**Skin:** Prolonged exposure can cause dermatitis from extraction of skin oils.

**Inhalation:** Excessive inhalation may cause chronic pulmonary disease over time.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and effects of overexposure.

**Signs and Symptoms of Overexposure:**

**Health hazard:** Shortness of breath, irritation of trachea and lungs.

**Medical Conditions Aggravated by Exposure:** Asthma.

**LABELING:**

Product identifier:	Make-A-Mold
Signal word:	Warning
Hazard statements:	H320 Causes eye irritation.
Causes Eye Irritation.	Avoid contact with eyes and clothing. Wash thoroughly after handling.

**FIRST AID**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes.  
**SKIN:** Wash hands after handling with soap and water.

COMPANY NAME:	The Casting Kit Company
ADDRESS:	PO Box 60406, Reno, NV 89506
Phone numbers:	800-211-2741/775-852-9099 and Fax 775-852-9007

**Pictograms on the label:**

Signal word:	Warning
Hazard Statement	
H319	Causes serious eye irritation (mechanical)
H335	May cause respiratory tract irritation.

**Precautionary Statements**

P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust.
P264	Wash skin thoroughly after handling.
P280	Wear eye protection/face protection.
P270	Do not eat, drink or smoke while handling this product.
P304 + P340 + P312	IF INHALED: Remove victim to fresh air and keep at rest in a position conformable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305 +P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned: Get medical attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3. Composition/Information On Hazardous Ingredients

Hazardous Ingredient	CAS#	Percent w/w	OSHA PEL
Diatomite	61790-53	<80	5mg/M3 nuisance du

\*Note: NE=Not Established

PEL=Permissible Exposure Limit

Note: Further safety information can be found in subsequent sections.

### 4. First aid measures

**General Information:** Discard contaminated clothing.

**Eye:** Flush with clean, lukewarm water for at least 15 minutes, occasionally lifting eyelids and get medical attention.

**Skin:** Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse.

**Inhalation:** Remove to fresh air. Apply artificial respiration/administer oxygen if necessary. Call physician immediately. If person is unconscious, transport affected person in reclined position.

**Ingestion:** Keep person warm and quiet. Get immediate medical attention. Do not induce vomiting because of risk of aspiration of material into lungs. Drink several glasses of water to dilute the product in the stomach.

### 5. Fire Fighting Measures

Flammability Summary (OSHA): Not a Flammable Solid

Flash Point Method: Seta flash

Flash Point: Greater than 200F (93C) (Seta flash).

Upper Flammable/Explosive Limit, % in air: Not Found

Lower Flammable/Explosive Limit, % in air: Not Found

When dry:

Upper Flammable /explosive limit, % in air: NA

Lower Flammable / explosive limit, % in air: NA

Unusual Fire/Explosion Hazards: Isolate the packages from heat, electrical equipment, sparks and open flame.

**Extinguishing Media:** Use water fog, foam, carbon dioxide or chemical fire fighting apparatus.

**Fire Fighting Instructions:** Wear NIOSH/MSHA approved SCBA and full protective equipment. Do not use full pressure water jet. Water spray may be used for cooling containers to prevent possible pressure build up and auto ignition/ explosion when exposed. Guard against toxic gasses released by fire. If safe, remove containers from fire zone.

**Products of Combustion:** Carbon Dioxide, Carbon Monoxide.

#### 6. Accidental Release Measures

Not a flammable Solid. Clean up wearing dust mask.

#### 7. Handling And Storage

Handling: Use drum trucks and pallet jacks to move drums and cans.

Drums: Protect against physical damage.

Bulk: Storage should be in standard lidded storage tanks.

Other Precautions: Keep metal storage cans cover.

#### 8. Exposure Controls and Personal Protection

##### Respiratory Protection:

Hydrocarbon content is very low but keeps airborne concentration below TLV or PEL of nuisance dust.

##### Ventilation:

Local exhaust must be sufficient to keep airborne vapor concentrations below TLV limit.

Exhaust air may need to be cleaned by scrubbers.

**Protective Gloves:** Chemical resistant gloves.

**Eye Protection:** Chemical workers' goggles.

##### Other Protective Equipment:

**Eye bath and safety shower.** To prevent repeated or prolonged skin contact wear impervious clothing and boots.

**Work Hygiene Practices:** Wash hands and clothing after exposure.

**Supplemental Safety and Health:** First aid procedures: Vomit can cause chemical pneumonia which can be fatal.

**Ventilation:** Filters to reduce environmental contamination.

**Effects of overexposure:** Irritating to respiratory system and excessive inhalation may cause chronic pulmonary disease over time.

##### Exposure Limits:

Hazardous Ingredient	CAS#	Percent w/w	OSHA PEL
Diatomite	61790-53-	<80	5mg/M3 nuisance du

NE=Not Established

#### 9. Physical and Chemical Properties

**Physical State:** powder

**Color:** White

**Odor:** slight

**Odor Threshold:** not available.

**pH Value:** Not applicable, not a waterborne product.  
**Melting point:** Not available  
**Evaporation rate:** solid, not applicable  
**Freezing point:** Not available.  
**Initial boiling point:** Powder, not applicable.  
**Auto ignition Temperature:** Not known  
**Bulk Density:** Approximately 16 pounds per gallon.  
**Flash Point:** solid, not applicable  
**Upper Explosion Limit:** Not established  
**Lower Explosion Limit:** Not established  
**Solubility in Water:** partly soluble  
**Specific Gravity:** <2  
**Weight per gallon:** Approximately 16 pounds  
**VOC:** 0 pounds per gallon

#### 10. Stability and Reactivity

**Stability and Reactivity Summary:** Stable under normal conditions  
**Reactive Properties:** Strong acids and bases will react and break down ingredients.  
**Sensitivity to mechanical shock:** None  
**Hazardous Polymerization:** Will not occur  
**Conditions to Avoid:** Do not heat closed containers  
**Chemical Incompatibility:** Strong oxidizing agents. Hydrofluoric acid  
**Hazardous Decomposition Products:** CO, CO<sub>2</sub>

#### 11. Toxicological Information

<b>Acute Toxicity:</b>	No data available
<b>Dermal:</b>	No data available
<b>Skin (corrosion/Irritation):</b>	No data available
<b>Serious Eye damage/Irritation:</b>	No data available
<b>Respiratory or skin sensitization:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available

##### **Carcinogenicity**

This product is or contains a component that is not classified as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.

**IARC:** 3-Group 3: Not classified as to its carcinogenicity to humans

**NTP:** No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

**Reproductive Toxicity:** No data available

##### **Specific Target Organ-Single exposure:**

**Inhalation:** May cause respiratory irritation

##### **Specific Target Organ-Repeated exposure:**

**Inhalation;** Prolonged and repeated exposure to excessive concentrations of this product's dust can cause chronic pulmonary disease.

**Additional Information:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**12. Ecological Information**

**Environmental Toxicity:** Some of the ingredients are readily biodegradable and are not persistent in the environment. Ecotoxicity Classification criteria are between 1 and 100 for some of the ingredients. Some ingredients are carbon based and are eventually degraded by bacteria when placed in water or soil. Pigments do not travel through soil well.

**13. Disposal Considerations**

Care must be taken to avoid environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws.

**Waste Disposal Summary:** Waste is not hazardous as defined by RCRA (40 CFR 261).

**Disposal Methods:**

Dispose of in accordance with local, state and federal regulations. Incineration is preferred.

**14. Transport Information**

**US Ground (DOT):** Not regulated for transportation.

**Canada (TDG):** Not regulated for transportation.

**IMO:** Not regulated for transportation.

**IATA/ICAO:** Not regulated for transportation.

**15. Regulatory Information**

UNITED STATES:

**Toxic Substances Control Act (TSCA):** The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

**Superfund Amendments and Reauthorization Act (SARA) Title III:**

**Sections 311/312 Hazard Categories (40 CFR 370.2):** Not hazardous

**Immediate/Acute Health Hazard:** No

**Delayed/Chronic Health Hazard:** Yes

**Fire Hazard:** No

**Pressure Hazard:** No

**Reactivity Hazard:** No

**Federal and State Regulations:**

California Prop 65: No materials are present that are listed on the Prop 65 list of cancer causing chemicals or birth defect chemicals.

CERCLA Reportable Quantities: None

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: A

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

**16. Other Information**

This information should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to its use. No warranties of any kind neither express nor implied, including warranties of merchantability or fitness for a particular purpose are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, information, data and designs furnished by RUBY HOWLETT hereunder are given gratis and RUBY HOWLETT assumes no obligation or liability for the description, information, data and designs given or results obtained, all such being given and accepted at your risk. We believe this information to be reliable and up to date as of its publication date, but make no warranty that it is. If this SDS is more than one year old you should contact to make sure the information is still current.

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