SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Castin’Craft Mold Builder, 00779, 00787, 00795, 01690, 01700, MIICHAELS SKU: 558726
Product form: Mixture
Other means of identification: Natural Latex Compound

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Environmental Technology, Inc.
1458 South 35th Street
Galesburg, MI
49053 USA
Phone: 800-368-9323

1.4. Emergency telephone number

Emergency number: CHEMTREC: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Skin Irrit. 2 H315
Eye Irrit. 2A H319
Resp. Sens. 1 H334
Skin Sens. 1 H317

2.2. Label elements

GHS-US labelling
Hazard pictograms (GHS-US):

Signal word (GHS-US): Danger
Hazard statements (GHS-US):
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements (GHS-US):
P261 - Avoid breathing mist, vapors
P264 - Wash hands, forearms and face thoroughly after handling
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear eye protection, protective clothing, protective gloves
P284 - [In case of inadequate ventilation] wear respiratory protection
P302+P352 - If on skin: Wash with plenty of soap and water
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment (see first aid instructions on this label)
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER, a doctor
P362+P364 - Take off contaminated clothing and wash it before reuse
H412 Harmful to aquatic life with long lasting effects.
P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous

2.3. Other hazards

No additional information available
2.4. Unknown acute toxicity (GHS US)
No data available

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubber</td>
<td>(CAS No) 9006-04-6</td>
<td>60 - 100</td>
</tr>
<tr>
<td>Sodium silicate</td>
<td>(CAS No) 1344-09-8</td>
<td>0.5 - 1.5</td>
</tr>
<tr>
<td>Zinc, bis(dibutylcarbamodithioato-S,S', -(T-4)-)</td>
<td>(CAS No) 136-23-2</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>(CAS No) 1338-21-6</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>(CAS No) 1310-58-3</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Octadecanoic acid, sulfo-, sodium salt</td>
<td>(CAS No) 67998-94-1</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.

First-aid measures after skin contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

First-aid measures after eye contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

First-aid measures after ingestion: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/injuries after inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/injuries after skin contact: Causes skin irritation. May cause an allergic skin reaction.

Symptoms/injuries after eye contact: Causes serious eye irritation.

Symptoms/injuries after ingestion: May cause gastrointestinal irritation.

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture
Fire hazard: Not flammable.
Explosion hazard: Product is not explosive.
Reactivity: No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters
Precautionary measures fire: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: Combustion may release noxious or toxic vapors.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

6.1.1. For non-emergency personnel

Protective equipment: Wear Protective equipment as described in Section 8.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up: Product may create slip hazard. Take up liquid spill into absorbent material. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

See Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Do not breathe mist, vapors. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Mixing without introduction of air may be necessary before use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep the container tightly closed. Avoid temperature extremes. Avoid freezing.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH TWA (mg/m³)</th>
<th>ACGIH STEL (ppm)</th>
<th>OSHA PEL (TWA) (mg/m³), 8 hours</th>
<th>OSHA PEL (TWA) (ppm), 8 hours</th>
<th>OSHA PEL (Ceiling) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubber (9006-04-6)</td>
<td>0.0001 (inhalable fraction, as inhalable allergenic proteins)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zinc, bis(dibutylcarbamodithioato-S,S')-, (T-4)- (136-23-2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ammonium hydroxide (1336-21-6) Vapor</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Potassium hydroxide (1310-58-3)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Octadecanoic acid, sulfo-, sodium salt (67998-94-1)</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Remark (ACGIH): OELs not established

Remark (OSHA): OELs not established

Remark (ACGIH): OELs not established

Remark (OSHA): OELs not established

Remark (ACGIH): OELs not established

Remark (OSHA): OELs not established

Remark (ACGIH): OELs not established

Remark (OSHA): OELs not established
<table>
<thead>
<tr>
<th>Sodium silicate (1344-09-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remark (ACGIH)</td>
</tr>
<tr>
<td>Remark (OSHA)</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.


Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur.

Eye protection: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection: Use NIOSH-approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Appearance: Creamy Liquid.
Color: Cream-colored.
Odor: Ammonia-like.
Odor Threshold: No data available
pH: No data available
Relative evaporation rate (butylacetate=1): No data available
Melting point: No data available
Freezing point: 0 °C (32 °F)
Boiling point: 100 °C (212 °F) (Water)
Flash point: Not determined
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: Same as water
Relative vapour density at 20 °C: Same as water
Relative density: \( \approx 0.94 \) @ 24 °C (75 °F) (Water = 1)
Solubility: Water: Miscible
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: None
Oxidising properties: None
Explosive limits: None

9.2. Other information

No additional information available
SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reactions known under normal conditions of use.

10.2. Chemical stability
Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions
None known.

10.4. Conditions to avoid
Keep from freezing. Elevated temperature. Avoid contact with: Incompatible materials.

10.5. Incompatible materials
Solvent. Metal salts. Acids. Compounds which may coagulate latex.

10.6. Hazardous decomposition products
Thermal decomposition generates: Toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity

Ammonium hydroxide (1336-21-6)
- LD50 oral rat: 350 mg/kg
- LC50 inhalation rat (mg/l): 5.1 mg/l 1 h
- LC50 inhalation rat (ppm): 2000 ppm/4h

Sodium silicate (1344-09-8)
- LD50 oral rat: 1960 mg/kg Source: NLM CIP
- ATE CLP (oral): 1153.000 mg/kg bodyweight

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
Symptoms/injuries after inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/injuries after skin contact: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/injuries after eye contact: Causes serious eye irritation.
Symptoms/injuries after ingestion: May cause gastrointestinal irritation.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: No information available.

12.2. Persistence and degradability
Castin'Craft Mold Builder
Persistence and degradability: No information available.
12.3. **Bioaccumulative potential**

| Castin’Craft Mold Builder | Bioaccumulative potential | No information available. |

12.4. **Mobility in soil**

| Castin’Craft Mold Builder | Ecology - soil | No information available. |

12.5. **Other adverse effects**

| Other adverse effects | : No data available. |

### SECTION 13: Disposal considerations

13.1. **Waste treatment methods**

| Waste treatment methods | : Obtain the consent of pollution control authorities before discharging to wastewater treatment plants. |
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment. |

### SECTION 14: Transport information

In accordance with DOT
Not hazardous for transport

**Additional information**

| Other information | : No supplementary information available. |

**Transport by sea**
No additional information available

**Air transport**
No additional information available

### SECTION 15: Regulatory information

15.1. **US Federal regulations**

| Castin’Craft Mold Builder | All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt |

| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |
| : | Delayed (chronic) health hazard |

| Tetramethyl thiuram disulfide (137-26-8) |  |
| Section 302 (EHS) TPQ |  |
| Section 304 EHS RQ |  |
| CERCLA RQ | 10 lb |
| Section 313 | Listed on US SARA Section 313 |

<p>| Sodium hydroxide (1310-73-2) |  |
| Section 302 (EHS) TPQ |  |
| Section 304 EHS RQ |  |
| CERCLA RQ | 1000 lb |
| Section 313 | Not Listed on US SARA Section 313 |</p>
<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS Number</th>
<th>Section 302 (EHS) TPQ</th>
<th>Section 304 EHS RQ</th>
<th>CERCLA RQ</th>
<th>Section 313 Remarks</th>
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<tbody>
<tr>
<td>Sodium o-phenylphenol (132-27-4)</td>
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<td>Section 302 (EHS) TPQ</td>
<td></td>
<td>Section 304 EHS RQ</td>
<td>CERCLA RQ</td>
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<tr>
<td>Ammonium hydroxide (1336-21-6)</td>
<td></td>
<td>Section 302 (EHS) TPQ</td>
<td></td>
<td>Section 304 EHS RQ</td>
<td>CERCLA RQ</td>
</tr>
<tr>
<td>Potassium hydroxide (1310-58-3)</td>
<td></td>
<td>Section 302 (EHS) TPQ</td>
<td></td>
<td>Section 304 EHS RQ</td>
<td>CERCLA RQ</td>
</tr>
<tr>
<td>Lead (7439-92-1)</td>
<td></td>
<td>Section 302 (EHS) TPQ</td>
<td></td>
<td>Section 304 EHS RQ</td>
<td>CERCLA RQ</td>
</tr>
<tr>
<td>Cadmium (7440-43-9)</td>
<td></td>
<td>Section 302 (EHS) TPQ</td>
<td></td>
<td>Section 304 EHS RQ</td>
<td>CERCLA RQ</td>
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<tr>
<td>Formaldehyde (50-00-0)</td>
<td></td>
<td>Section 302 (EHS) TPQ</td>
<td></td>
<td>Section 304 EHS RQ</td>
<td>CERCLA RQ</td>
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<tr>
<td>Naphthalene (91-20-3)</td>
<td></td>
<td>Section 302 (EHS) TPQ</td>
<td></td>
<td>Section 304 EHS RQ</td>
<td>CERCLA RQ</td>
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<tr>
<td>Quinoline (91-22-5)</td>
<td></td>
<td>Section 302 (EHS) TPQ</td>
<td></td>
<td>Section 304 EHS RQ</td>
<td>CERCLA RQ</td>
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<tr>
<td>Sodium hydroxide (1310-73-2)</td>
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<td>Section 304 EHS RQ</td>
<td>CERCLA RQ</td>
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</tbody>
</table>
## 15.2. International regulations
No additional information available.

### 15.3. US State regulations

#### California Proposition 65

WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

<table>
<thead>
<tr>
<th>Chemical</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significance risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium o-phenylphenol</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Lead (7439-92-1)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No significance risk level (NSRL)</td>
</tr>
<tr>
<td>Cadmium (non-pyrophoric)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No significance risk level (NSRL)</td>
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<tr>
<td>Formaldehyde (50-00-0)</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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<td>No significance risk level (NSRL)</td>
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<tr>
<td>Naphthalene (91-20-3)</td>
<td>Yes</td>
<td>No</td>
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<td>No significance risk level (NSRL)</td>
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<td>Substance</td>
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<td>U.S. - California - Proposition 65 - Developmental Toxicity</td>
<td>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</td>
<td>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</td>
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<td>---------------------------------------------------------------</td>
<td>---------------------------------------------------------------</td>
<td>-----------------------------------</td>
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<tr>
<td>Quinoline (91-22-5)</td>
<td>Yes</td>
<td>No</td>
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<td>No significance risk level (NSRL)</td>
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<tr>
<td>Ethyl alcohol (64-17-5)</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
</tr>
</tbody>
</table>

### Ammonium Hydroxide (1336-21-6) as Ammonia (7664-41-7) vapor
- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

### Nitritolriacetatic acid trisodium salt (5064-31-3)
- U.S. - Massachusetts - Right To Know List

### Sodium o-phenylphenol (132-27-4)
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Massachusetts - Right To Know List

### Lead (7439-92-1)
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Massachusetts - Right To Know List
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

### Cadmium (non-phytophoric) (7440-43-9)
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Massachusetts - Right To Know List
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
- U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

### Formaldehyde (50-00-0)
- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

### Naphthalene (91-20-3)
- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

### Quinoline (91-22-5)
- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) List

### Potassium hydroxide (1310-58-3)
- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

### Ethyl alcohol (64-17-5)
- U.S. - Massachusetts - Right To Know List
- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) List
SECTION 16: Other information

Indication of changes : Revision 2.0: CAS numbers updated; revised Section 15.
Revision date : 07/30/2019
Other information : NA
NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard : 0 - Materials that will not burn.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating
Health : 2*
Flammability : 0
Physical : 0
Personal Protection :

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