SAFETY DATA SHEET

1. Identification

Product identifier       EasyMold Silicone Putty Part B
Other means of identification
  SDS number               7211800
  Product code           33700, 33700M, 33710, MICHAELS SKU: 184918
Recommended use           Food grade Silicone for mold making
Recommended restrictions

Manufacturer/Importer/Supplier/Distributor information
  Company name               Environmental Technology, Inc.
  Address                   300 S. Bay Depot Road
                             Fields Landing
                             CA 95537
  Telephone                  707-443-9323
  E-mail                    mail@eti-usa.com
  Contact person            Technical Director
  Emergency phone number   CHEMTREC 800-424-9300

2. Hazard(s) identification

Physical hazards          Not classified.
Health hazards             Not classified.
OSHA defined hazards       Not classified.
                          No hazards resulting from the material as supplied.
Label elements
  Hazard symbol                  None.
  Signal word                    None.
  Hazard statement
                                             The mixture does not meet the criteria for classification. Under supplemented information, this product has been assessed and found not hazardous. Although there are differences - if not hazardous under CPSC, it is also not hazardous under OSHA.
Precautionary statement
  Prevention                    Observe good industrial hygiene practices.
  Response                      Wash hands after handling.
  Storage                      Store away from incompatible materials.
  Disposal                     Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)         None known.

Supplemental information
  Not applicable.

3. Composition/information on ingredients

Mixtures
  Silica non-respirable embedded in Silicone Rubber Matrix.

4. First-aid measures

Inhalation          Move to fresh air. Get medical attention if any discomfort continues.
Skin contact        Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact         Flush eyes with copious amounts of water. Get medical attention if irritation develops and persists.
Ingestion           If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention if any discomfort occurs. Rinse mouth.

Most important symptoms/effects, acute and delayed
  May cause gastrointestinal disturbances.
Indication of immediate medical attention and special treatment needed
Treat symptomatically.

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media
Foam. Dry chemical powder. Carbon dioxide (CO2). Water fog.

Unsuitable extinguishing media
Water. Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions
Move container from fire area if it can be done without risk.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Avoid inhalation of vapors/dust and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

Methods and materials for containment and cleaning up
Keep unnecessary personnel away. The product is immiscible with water and will sediment in water systems.

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Never return spills to original containers for re-use. Collect and dispose of spillage as indicated in section 13 of the SDS.

Environmental precautions
Avoid release to the environment.

7. Handling and storage

Precautions for safe handling
Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Oil (CAS Proprietary)</td>
<td>PEL</td>
<td>5 mg/m3</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-3 (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mica (CAS Proprietary)</td>
<td>TWA</td>
<td>20 mppcf</td>
</tr>
<tr>
<td>Silica (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.8 mg/m3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.I. Pigment blue 29 (CAS Proprietary)</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>RESPIRABLE PARTICLES INHALABLE PARTICLES</td>
</tr>
</tbody>
</table>

ACGIH

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mica (CAS Proprietary)</td>
<td>TWA</td>
<td>3 mg/m3</td>
</tr>
</tbody>
</table>
Biological limit values
No biological exposure limits noted for the ingredient(s).

Exposure guidelines
The ingredients in this product are encapsulated within the polymer matrix, therefore no exposure to these materials is expected during normal use/handling of this product. The exposure limits listed are provided for information purpose only. Use personal protective equipment as required. Keep working clothes separately.

Appropriate engineering controls
Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment
Eye/face protection
Wear approved safety glasses or goggles.

Skin protection
Hand protection
Wear suitable gloves as a good hygiene practice.

Other
It is a good industrial hygiene practice to minimize skin contact.

Respiratory protection
No specific recommendations.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance
Purple Paste.

Physical state
Liquid.

Form
Paste.

Color
Purple

Odor
Odorless.

Odor threshold
Not available.

pH
Not applicable.

Melting point/freezing point
Not available.

Initial boiling point and boiling range
Not available.

Flash point
Not available.

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits
Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.

Vapor pressure
Not available.

Vapor density
Not available.

Relative density
Not available.

Solubility(ies)
Solubility (water)
Not available.

Partition coefficient (n-octanol/water)
Not available.

Auto-ignition temperature
Not available.

Decomposition temperature
Not available.

Viscosity
Not available.
10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport. Please read and follow all technical instructions provided by manufacturer.

Chemical stability
Stable under normal temperature conditions and recommended use.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Conditions to avoid
Avoid incompatible materials and intense heat.

Incompatible materials
Strong oxidizing agents. Chlorine. Avoid using items that contain sulfur such as masking tape, clays and latex gloves or soap which contains stearates.

Hazardous decomposition products
Carbon oxides. Exposure to air over extended period of time at 150°C or greater can cause the formation of formaldehyde which is a known carcinogen.

11. Toxicological information

Information on likely routes of exposure
Ingestion
May cause discomfort if swallowed. Expected to be a low ingestion hazard.

Inhalation
Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin contact
Prolonged skin contact may cause dermatitis.

Eye contact
This product may cause slight irritation to the eyes.

Symptoms related to the physical, chemical and toxicological characteristics
Exposed individuals may experience eye tearing, redness, and discomfort. May cause gastrointestinal disturbances.

Information on toxicological effects
Acute toxicity
May cause discomfort if swallowed.

Components | Species | Test Results
--- | --- | ---
C.I. Pigment blue 29 (CAS Proprietary) Acute |  |  |
**Dermal** | Rabbit | > 3000 mg/kg |
LD50 |  |  |
Oral | Rat | > 2000 mg/kg |
LD50 |  |  |
Silica (CAS 14808-60-7) Acute |  |  |
Oral | Rat | 3160 mg/kg |
LD50 |  |  |

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation
Not expected to be a primary skin irritant.

Serious eye damage/eye irritation
This product may cause slight irritation to the eyes.

Respiratory or skin sensitization

Respiratory sensitization
Knowledge about sensitization hazard is incomplete.

Skin sensitization
Knowledge about sensitization hazard is incomplete.

Germ cell mutagenicity
No component of this product present at levels greater than or equal to 0.1% is identified as a mutagen by OSHA.

Carcinogenicity
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity
Silica (CAS 14808-60-7) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity
No data available.

Specific target organ toxicity - single exposure
No data available.

Specific target organ toxicity - repeated exposure
No data available.

Aspiration hazard
Knowledge about health hazard is incomplete.

Chronic effects
Based on available data, the classification criteria are not met.

Further information
No other specific acute or chronic health impact noted.
12. Ecological information

Ecotoxicity
The product is not expected to be hazardous to the environment.

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
No data available on bioaccumulation.

Mobility in soil
No data available.

Other adverse effects
None known.

13. Disposal considerations

Disposal instructions
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Local disposal regulations
Dispose in accordance with all applicable regulations.

Hazardous waste code
Not regulated.

Waste from residues / unused products
Dispose of in accordance with local regulations. Do not allow this material to drain into sewers/water supplies.

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

15. Regulatory information

US federal regulations
One or more components are not listed on TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
US. Massachusetts RTK - Substance List
Mineral Oil (CAS Proprietary)
Silica (CAS 14808-60-7)
US. New Jersey Worker and Community Right-to-Know Act
Mineral Oil (CAS Proprietary)

US. Pennsylvania Worker and Community Right-to-Know Law
Mineral Oil (CAS Proprietary)
Silica (CAS 14808-60-7)

US. Rhode Island RTK
Not regulated.

US. California Proposition 65

**US - California Proposition 65 - Carcinogens:**
14808-60-7  Quartz (Silica)

Important: California Proposition 65 chemical list includes Quartz (Silica) in "airborne or unbound" particles of respirable size. Although Quartz (Silica) is used within this product, it is "inextricably bound" within the matrix and therefore cannot become airborne or ingested.

**US - California Proposition 65 - Reproductive Toxins:**
This material does not contain any chemicals known to the State of California to cause reproductive effects.

Not listed.

### International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

* "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
* "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information, including date of preparation or last revision

**Issue date** 17-April-2016

**Revision date** -

**Version #** 01

### NFPA Ratings

![NFPA Ratings Diagram]

### References

- ACGIH
- EPA: AQUIRE database
- NLM: Hazardous Substances Data Base
- US. IARC Monographs on Occupational Exposures to Chemical Agents
- HSDB® - Hazardous Substances Data Bank
- IARC Monographs. Overall Evaluation of Carcinogenicity
- National Toxicology Program (NTP) Report on Carcinogens
- ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

### Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.