1. Identification

Product identifier: EasyMold Silicone Putty Part B

Other means of identification:
- SDS number: 7211800
- Product code: 33700, 33700M, 33710.

Recommended use: Food grade Silicone for mold making

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer:
- Company name: Environmental Technology, Inc.
- Address: 300 S. Bay Depot Road
  Fields Landing
  CA 95537, USA.
- Telephone number: 001 707-443-9323
- E-mail: mail@eti-usa.com
- Contact person: Technical Director
- Emergency phone number: 800-424-9300 (CHEMTREC)

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards: Not classified.

Environmental 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.

Precautionary statements

- 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.

Other hazards: Combustible.

Supplemental information: Not applicable.

3. Composition/information on ingredients

Mixtures

The components are not hazardous or are below required disclosure limits.
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
Rinse mouth. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if any discomfort occurs.

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

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 such as: Carbon oxides (COx). Metal oxides. Silicon oxides.

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
Cool containers exposed to heat with water spray and remove container, if no risk is involved. 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
Combustible. No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear protective clothing as described in section 8 of this safety data sheet. Keep unnecessary personnel away. Ensure adequate ventilation. Avoid inhalation of vapors/dust and contact with skin and eyes. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Collect and dispose of spillage as indicated in section 13 of the SDS. Keep unnecessary personnel away. The product is immiscible with water and will sediment in water systems.

Large Spills: 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.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions
Never return spills to original containers for re-use.

7. Handling and storage

Precautions for safe handling
Avoid breathing mist or vapour. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. Observe good industrial hygiene practices. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

Conditions for safe storage, including any incompatibilities
Keep away from heat and sources of ignition. Store away from incompatible materials (see section 10 of the SDS). 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

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.I. Pigment blue 29</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable particles</td>
</tr>
<tr>
<td>US. ACGIH Threshold Limit Values Components</td>
<td>Type</td>
<td>Value</td>
<td>Form</td>
</tr>
<tr>
<td>Mica</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable fraction</td>
</tr>
</tbody>
</table>
US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral oil</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mica</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Mineral oil</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
<tr>
<td>Mineral oil</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mica</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable.</td>
</tr>
</tbody>
</table>

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mica</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Mineral oil</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mica</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mica</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>Mineral oil</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
<tr>
<td>Mineral oil</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

Occupational Exposure Limits are not relevant to the current physical form of the product. Use personal protective equipment as required. Keep working clothes separately. 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.

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment

<table>
<thead>
<tr>
<th>Protection</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/face protection</td>
<td>Wear safety glasses with side shields (or goggles). Wear approved safety glasses or goggles.</td>
</tr>
<tr>
<td>Skin protection</td>
<td>Wear appropriate chemical resistant gloves. Wear suitable gloves as a good hygiene practice.</td>
</tr>
<tr>
<td>Hand protection</td>
<td>Wear appropriate chemical resistant clothing. It is a good industrial hygiene practice to minimise skin contact.</td>
</tr>
<tr>
<td>Other</td>
<td>In case of insufficient ventilation, wear suitable respiratory equipment. No specific recommendations.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Wear appropriate thermal protective clothing, when necessary.</td>
</tr>
<tr>
<td>Thermal hazards</td>
<td>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.</td>
</tr>
<tr>
<td>General hygiene considerations</td>
<td></td>
</tr>
</tbody>
</table>

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Purple Paste.</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid. Paste.</td>
</tr>
<tr>
<td>Colour</td>
<td>Purple</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless.</td>
</tr>
</tbody>
</table>
Odour 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 applicable.

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.

Vapour pressure Not available.

Vapour 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.

Other information

Explosive properties Not explosive.

Oxidising properties Not oxidising.

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 polymerisation does not occur.

Conditions to avoid Contact with incompatible materials. Avoid incompatible materials and intense heat.

Incompatible materials Strong oxidising agents. Chlorine. Fluorine. 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

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.

Ingestion May cause discomfort if swallowed.

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 Not known. May cause discomfort if swallowed.
### Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral oil (CAS Proprietary)</td>
<td></td>
</tr>
</tbody>
</table>

#### Acute

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
</tr>
<tr>
<td>LD50</td>
<td>&gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

#### Inhalation

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerosol</td>
<td>Rat</td>
</tr>
<tr>
<td>LC50</td>
<td>&gt; 5 mg/l</td>
</tr>
</tbody>
</table>

#### Oral

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>&gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

### Skin corrosion/irritation

- Not expected to be a primary skin irritant.
- This product may cause slight irritation to the eyes.

### Respiratory or skin sensitisation

- **Respiratory sensitisation**: Classification not possible. Knowledge about sensitisation hazard is incomplete. Due to partial or complete lack of data the classification is not possible. Based on available data, the classification criteria are not met.

- **Skin sensitisation**: None known. This product is not expected to cause skin sensitisation. Due to partial or complete lack of data the classification is not possible. Classification not possible. Knowledge about sensitisation hazard is incomplete. Based on available data, the classification criteria are not met.

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

### Carcinogenicity

- **ACGIH Carcinogens**: Mineral oil (CAS Proprietary) A4 Not classifiable as a human carcinogen.
- **Canada - Manitoba OELs: carcinogenicity**: Mineral oil (CAS Proprietary) Not classifiable as a human carcinogen.

### Reproductive toxicity

- No data available. Due to partial or complete lack of data the classification is not possible. Based on available data, the classification criteria are not met.

### Specific target organ toxicity

- **Single exposure**: No data available. Based on available data, the classification criteria are not met.
- **Repeated exposure**: No data available. Based on available data, the classification criteria are not met.

### Aspiration hazard

- Knowledge about health hazard is incomplete. Due to partial or complete lack of data the classification is not possible. Based on available data, the classification criteria are not met.

### 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.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral oil (CAS Proprietary)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Aquatic

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>LL50 Invertebrates (Invertebrates)</td>
<td>100 mg/l</td>
</tr>
<tr>
<td>Fish</td>
<td>LL50 Fish</td>
<td>10 mg/l</td>
</tr>
</tbody>
</table>

#### 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

- Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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
The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Not regulated.

Waste from residues / unused products
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). 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. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

TDG
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

Canadian regulations
This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act
Not regulated.

Export Control List (CEPA 1999, Schedule 3)
Not listed.

Greenhouse Gases
Not listed.

Precursor Control Regulations
Not regulated.

International regulations

Stockholm Convention
Not applicable.

Rotterdam Convention
Not applicable.

Kyoto Protocol
Not applicable.

Montreal Protocol
Not applicable.

Basel Convention
Not applicable.

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>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)*</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------------------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory (TCSI)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "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

**Issue date**  
21-December-2017

**Revision date**  
-

**Version No.**  
01

**References**

- ACGIH
- EPA: AQUIRE database
- NLM: Hazardous Substances Data Base
- US. IARC Monographs on Occupational Exposures to Chemical Agents
- HSDB® - Hazardous Substances Data Bank
- JIS Z 7250: 2005 Safety data sheet for chemical products-Part 1:Content and order of sections
- JCIA GHS Guideline, October 2008
- IARC Monographs. Overall Evaluation of Carcinogenicity
- National Toxicology Program (NTP) Report on Carcinogens
- ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
- Japan Society for Occupational Health, Recommendation of Occupational Exposure Limits
- GOST 30333-2007 - Chemical production safety passport. General requirements
- JIS Z 7252:2009 Classification of chemicals based on “Globally Harmonized System of Classification and Labelling of Chemicals (GHS)”
- JIS Z 7253:2012 Hazard communication of chemicals based on GHS – Labelling and Safety Data Sheet (SDS)
- Japan Chemical Industry Association (JCIA) GHS Guideline, June 2012

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. This safety data sheet was prepared in accordance with JIS Z 7253:2012. Additional information is given in the Material Safety Data Sheet. Environmental Technology, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.