1. Identification

Product identifier EasyMold Silicone Paste Part B (RTV)

Other means of identification

SDS number 33800, 33805, 33810

Product code

Recommended use Food grade Silicone for mold making

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Environmental Technology, Inc.

Address 300 S. Bay Depot Road

Fields Landing

CA 95537

Telephone Telephone number 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 No 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 Polydimethylsiloxane with hydrogen groups + Polydimethylsiloxane with vinyl groups and auxiliary.

Information on ingredients: This material does not contain any reportable hazardous ingredients.

Substances listed in the Subsections "HAPS" and "California Proposition 65 Carcinogens / Reproductive Toxins" that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non-carcinogenic HAPS or they are inextricably bound in the product.

4. First-aid measures

Inhalation No special treatment is required.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact Flush eyes with water for 15 minutes. Get medical attention if irritation develops and persists.

Ingestion No special treatment is required.

Advise for physician Treat Systematically.
5. Fire-fighting measures

Flammable properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value:</th>
<th>Method:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>&gt; 93 °C (&gt; 199 °F)</td>
<td>(ASTM D3278, DIN 55680, ISO 3679)</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>&gt; 93 °C (&gt; 199 °F)</td>
<td></td>
</tr>
<tr>
<td>Lower explosion limit (LEL)</td>
<td>not determined</td>
<td></td>
</tr>
<tr>
<td>Upper explosion limit (UEL)</td>
<td>not determined</td>
<td></td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>&gt; 400 °C (&gt; 752 °F)</td>
<td></td>
</tr>
</tbody>
</table>

Fire and explosion hazards:

Caution! Under certain conditions this material may generate flammable hydrogen gas. Consider possible formation of explosive mixtures with air, for example in uncleaned containers by moisture. Never use welding or cutting torch on or near any container of this material, even if empty, because an explosion could occur. Spontaneous ignition is possible due to electrostatic discharge. The generation of hydrogen gas is increased under circumstances mentioned in Sect. 10 "Stability and reactivity". Explosion limits for hydrolysis product: 4-75.6% v/v (hydrogen).

Recommended extinguishing media:

AFFF alcohol compatible foam. Carbon dioxide. Dry chemical. Water - Use Fine Spray or Fog. Water may be used to cool tanks and structures adjacent to the fire.

Unsuitable extinguishing media:

Do not use dry powder extinguishers on this material.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases.

Hazardous decomposition products: carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide and incompletely burnt hydrocarbons.

Fire fighting procedures:

Full turn-out gear and Self Contained Breathing Apparatus (SCBA) should be worn when fighting large fires.

6. Accidental release measures

Precautions: Secure the area. Obtain appropriate PPE, supplies, and equipment prior to attempting any response.

HAZWOPER PPE Level: D

Containment: No special measures required.

Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

Methods for cleaning up: Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container.

7. Handling and storage

Handling

Precautions for safe handling:
Open and handle container with care. Ensure adequate ventilation. Keep container closed when not in use. Keep away from incompatible substances in accordance with section 10. Where possible, inert process equipment and blanket vessels, tanks and containers with nitrogen to reduce the available oxygen level.

Precautions against fire and explosion:

Do not weld, cut, or grind on empty containers. Ignitable vapors may be released during processing or curing. Product can release hydrogen. In partly emptied containers formation of explosive mixtures is possible. Keep away from sources of ignition and do not smoke. Keep away from open flames, heat and sparks. Take precautionary measures against electrostatic charging.

Storage

Conditions for storage rooms and vessels:
Store in a dry and sheltered place.

Advice for storage of incompatible materials:
Do not store with: basic substances (e.g. alkalis, ammonia, amines), oxidizing agents, strong acids.

Further information for storage:

Protect against moisture. Store in a dry and cool place. Store container in a well ventilated place.

Maximum temperature allowed during storage and transportation: 50 °C (122 °F)

Temperature limit based on safety considerations

8. Exposure controls/personal protection

Engineering controls

Ventilation:
Use with adequate ventilation.

Local exhaust:
No special ventilation required.

Associate substances with specific control parameters such as limit values

none known

Personal protection equipment (PPE)

Respiratory protection:
Respiratory protection is not normally required.
Hand protection:
Any liquid-tight rubber or vinyl gloves.

Eye protection:
Safety glasses with side shields or chemical safety goggles.

Other protective clothing or equipment:
Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

General hygiene and protection measures:
Follow standard industrial hygiene practices when using this material. When handling do not eat, drink, smoke or apply cosmetics. Wash thoroughly after handling.

9. Physical and chemical properties

Appearance
Physical state / form ................................................ : liquid
Colour ..................................................................... : blue
Odour ...................................................................... : odorless

Safety parameters
Property:  Value:  Method:
Melting point / melting range ................................... : not applicable
Boiling point / boiling range ..................................... : > 93 °C (> 199 °F)
Flash point............................................................... : > 93 °C (> 199 °F) (ASTM D3278, DIN 55680, ISO 3679)
Ignition temperature ................................................ : > 400 °C (> 752 °F)
Lower explosion limit (LEL) ..................................... : not determined
Upper explosion limit (UEL)..................................... : not determined
Vapour pressure ...................................................... : not determined
Density .................................................................... : 1.26 g/cm³
Water solubility / miscibility...................................... : insoluble
pH-Value ................................................................. : not applicable
Viscosity (dynamic) ................................................. : 30000 mPa.s

Further information
Percent Volatiles .................................................... : 1.52%
Corrosive to Steel or Aluminum ......................... : Not corrosive to steel or aluminum

10. Stability and reactivity

General information:
Stable under normal conditions of use. In contact with incompatible substances this material may quickly generate a large volume of flammable hydrogen gas.

Conditions to avoid
moisture . Heat, open flames, and other sources of ignition. Contact with contaminated piping or vessels or with corroded and rusty containers can increase the rate of hydrogen formation. Observe information in section 7.

Materials to avoid
Reacts violently with: acids , basic substances (e.g. alkanes, ammonia, amines) . Reacts with: alcohols , water , moisture , strong oxidizing agents , catalyst . Reaction causes the formation of: hydrogen .

Hazardous decomposition products
Releases flammable hydrogen gas. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

Further information:
Hazardous polymerization cannot occur.

11. Toxicological information

Information on likely routes of effects

Further toxicological information
Quartz has been classified by IARC as carcinogen group 1 ("carcinogenic to humans") and by NTP as known to be a human carcinogen. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

12. Ecological information

Additional information
According to our present knowledge no data known.

13. Disposal consideration

Product disposal
Recommendation:
Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations. Material designated for disposal must be segregated from incompatible substances or materials specified in Sect. 10. Wastes of this material should not be mixed with other wastes. Provide measures such as vented bungs to ensure pressure relief in the waste containers.
Packaging disposal
Recommendation:
Containers may contain hazardous quantities of hydrogen gas. Uncleaned containers should not be reused to hold another material due to the potential for reaction between residual product and incompatible materials. Uncleaned packaging should be treated with the same precautions as the material. Containers should be completely emptied before recycling as specified in government regulations.

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 Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information
US federal regulations
U.S. Federal regulations
TSCA inventory status and TSCA information:
This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.
CERCLA Regulated Chemicals:
This material does not contain any CERCLA regulated chemicals.
SARA 302 EHS Chemicals:
This material does not contain any SARA extremely hazardous substances.
SARA 311/312 Hazard Class:
This product does not present any SARA 311/312 hazards.
SARA 313 Chemicals:
This material does not contain any SARA 313 chemicals above de minimus levels.
HAPS (Hazardous Air Pollutants):
This material does not contain any hazardous air pollutants.
U.S. State regulations
California Proposition 65 Carcinogens:
13463-67-7 Titanium dioxide
14808-60-7 Quartz
Important: California Proposition 65 chemical list includes "Titanium dioxide and Quartz" (Silica) in "airborne or unbound" particles of respirable size. Although Titanium dioxide and Quartz (Silica) are used within this product, they are "inextricably bound" within the matrix and therefore cannot become airborne or ingested.
California Proposition 65 Reproductive Toxins:
This material does not contain any chemicals known to the State of California to cause reproductive effects.
Massachusetts Substance List:
14808-60-7 Quartz
New Jersey Right-to-Know Hazardous Substance List:
14808-60-7 Quartz
Pennsylvania Right-to-Know Hazardous Substance List:
14808-60-7 Quartz
Canadian regulations
This product has been classified in accordance with the Hazard criteria of the CPR and the SDS contains all the information required by the CPR.
WHMIS Hazard Classes:
None.
DSL Status:
This material or its components are listed on the Canadian Domestic Substances List.
Details of international registration status
Relevant information about individual substance inventories, where available, is given below.

United States of America (USA) TSCA (Toxic Substance Control Act Chemical Substance Inventory):
This product is listed in, or complies with, the substance inventory.
Canada ....................................................... : DSL (Domestic Substance List):  
This product is listed in, or complies with, the substance inventory.

Australia ...................................................... : AICS (Australian Inventory of Chemical Substances):  
This product is listed in, or complies with, the substance inventory.

People’s Republic of China ......................... : IECSC (Inventory of Existing Chemical Substances in China):  
This product is listed in, or complies with, the substance inventory.

South Korea (Republic of Korea) ................... : ECL (Existing Chemicals List):  
This product is listed in, or complies with, the substance inventory.

Japan .......................................................... : ENCS (Handbook of Existing and New Chemical Substances):  
This product is listed in, or complies with, the substance inventory.

Philippines ................................................... : PICCS (Philippine Inventory of Chemicals and Chemical Substances):  
This product is listed in, or complies with, the substance inventory.

European Economic Area (EEA) ..................... : REACH (Regulation (EC) No 1907/2006):  
General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

16. Other information

Additional information:
This Safety Data Sheet (SDS) meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee expressed or implied, is made as to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents. This SDS provides selected regulatory information on this product, including its components. This is not intended to include all regulations. It is the responsibility of the user to know and comply with all applicable rules, regulations and laws relating to the product being used.

Vertical lines in the left-hand margin indicate changes compared with the previous version.

Glossary of Terms:
ACGIH - American Conference of Governmental Industrial Hygienists
DOT - Department of Transportation
hPa - Hectopascals
mPa*s - Milli Pascal-Seconds
OSHA - Occupational Safety and Health Administration
PEL - Permissible Exposure Limit
ppm - Parts per Million
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
WHMIS - Canadian Workplace Hazardous Materials Identification System

Flash point determination methods .................................
Common name
ASTM D56 .................................................., Tagliabue (Tag) closed cup
ASTM D92, DIN 51376, ISO 2592 ........................., Cleveland open cup
ASTM D93, DIN 51758, ISO 2719 .........................., Pensky-Martens closed cup
ASTM D3278, DIN 55680, ISO 3679 ........................, Setafa flash or Rapid closed cup
DIN 51755 .................................................., Abel-Pensky closed cup

Conversion table:
Pressure: ......................... : 1 hPa * 0.75 = 1 mm Hg = 1 torr; 1 bar = 1000 hPa
Viscosity: ......................... : 1 mPa*s = 1 centipoise (cP)