

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	EasyMold Silicone Rubber Part B (RTV)	
<b>Other means of identification</b>		
<b>SDS number</b>		
<b>Product code</b>	33720, 33730, 33740, 33780	
<b>Recommended use</b>	Food grade Silicone for mold making None	
<b>Recommended restrictions</b>	known.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Company name</b>	Environmental Technology, Inc.	
<b>Address</b>	300 S. Bay Depot Road Fields Landing CA 95537	
<b>Telephone</b>	Telephone number	707-443-9323
<b>E-mail</b>	mail@eti-usa.com	
<b>Contact person</b>	Technical Director	
<b>Emergency phone number</b>	CHEMTREC	800-424-9300

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified. No hazards resulting from the material as supplied.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	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.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	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

<b>Inhalation</b>	No special treatment is required.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Flush eyes with water for 15 minutes. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	No special treatment is required.
<b>Advise for physician</b>	Treat Systematically.

## 5. Fire-fighting measures

### Flammable properties:

Property:	Value:	Method:
Flash point.....	> 93 °C (> 199 °F)	(ASTM D3278, DIN 55680, ISO 3679)
Boiling point / boiling range .....	> 93 °C (> 199 °F)	
Lower explosion limit (LEL) .....	:not determined	
Upper explosion limit (UEL).....	:not determined	
Ignition temperature .....	> 400 °C (> 752 °F)	5.2

### 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/cm <sup>3</sup>	
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. alkalis, 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 the IBC Code** Not applicable. **Annex II of MARPOL 73/78 and**

## 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.

<b>Canada</b> .....	<b>:DSL (Domestic Substance List):</b> This product is listed in, or complies with, the substance inventory.
<b>Australia</b> .....	<b>:AICS (Australian Inventory of Chemical Substances):</b> This product is listed in, or complies with, the substance inventory.
<b>People's Republic of China</b> .....	<b>:IECSC (Inventory of Existing Chemical Substances in China):</b> This product is listed in, or complies with, the substance inventory.
<b>South Korea (Republic of Korea)</b> .....	<b>:ECL (Existing Chemicals List):</b> This product is listed in, or complies with, the substance inventory.
<b>Japan</b> .....	<b>:ENCS (Handbook of Existing and New Chemical Substances):</b> This product is listed in, or complies with, the substance inventory.
<b>Philippines</b> .....	<b>:PICCS (Philippine Inventory of Chemicals and Chemical Substances):</b> This product is listed in, or complies with, the substance inventory.
<b>European Economic Area (EEA)</b> .....	<b>: REACH (Regulation (EC) No 1907/2006):</b> 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 ..... Setaflash 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)