

SAFETY DATA SHEET

1. Identification

Product identifier	EasyMold Silicone Rubber Part A (RTV)	
Other means of identification	33720, 33730, 33740, 33780	
SDS number	Food grade Silicone for mold making	
Product code	None known.	
Recommended use		
Recommended restrictions		
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	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

Polydimethylsiloxane with vinyl groups and auxiliary.

Information on ingredients:

Quartz: This component does not impact the product's hazard classification. Due to the product's physical properties, particulate inhalation exposure is not possible.

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.

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

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:

This material will burn with a lazy smoldering flame. This material does not present any unusual fire or explosion hazards.

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: None.

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:

Avoid contact with eyes, skin and clothing. Keep container closed when not in use. Wash thoroughly after handling.

Precautions against fire and explosion:

No special precautions against fire and explosion required.

Storage

Conditions for storage rooms and vessels:

Store in a dry and sheltered place.

Advice for storage of incompatible materials:

No restriction.

Further information for storage:

Store in a dry and cool place.

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.

9. Physical and chemical properties

Appearance

Physical state / form : liquid
 Colour : Off-white
 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 applicable	
Density	: 1.25 g/cm ³	
Water solubility / miscibility.....	: insoluble	
pH-Value	: not applicable	
Viscosity (dynamic)	: 30000 mPa.s	

10. Stability and reactivity**General information:**

Stable under normal conditions of use.

Conditions to avoid

Although this product is not expected to react with commonly used materials of construction and process equipment, it is advised that any rubber or plastic items such as hoses and gaskets be tested prior to large scale processing to ensure there is no degradation of performance or durability.

Materials to avoid

Relatively nonreactive. No significant reactivity with water.

Hazardous decomposition products

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. State and local regulations may be more stringent than Federal regulations.

Packaging disposal

Recommendation:

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. After emptying contaminated containers may be cleansed and recycled.

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.
- 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	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)