

## 1. Product and Company Identification

Product Name: **Silicone Rubber Coating**Product Code : **SIL 60**Chemical Classification: **Organosilicone**

Recommended use of the chemical: Industrial, Water-based costing for buildings

Restriction on use: Not determined

### Manufacturer/Supplier/Distribution Information

Name : **POLYCELL SDN BHD**Address : **NO. 14, JALAN PJS 1/30, TAMAN PETALING UTAMA, 46000 PETALING JAYA, SELANGOR, Malaysia**Emergency Phone number : Tel : **+603-7783 4368, +603-7496 2788**Fax : **+603-7783 4369**

## 2. Composition/Information on ingredients

Chemical Name	CAS No.
CAS-No.	63394.02-5
Material	Polydimethylsiloxanerubber
Content %	≥45%

## 3. Hazards Identification - Environment

Danger : Not classified as hazardous material

Labelling : Non-specific labelling

Symbol:

Signal Word : **Warning**

Potential health effects	
Acute effects	
Eye	May cause mild irritation
Skin	May cause moderate irritation
Inhalation	Irritates respiratory passages very slightly
Oral	Swallowing large amounts may cause drowsiness.
Prolonged/Repeated exposure effects	
Skin	Overexposure may injure internally if absorbed
Inhalation	No known applicable information
Oral	Overexposure by ingestion may injure the following organs: nervous system, brain, thymus, bladder, spleen

## First Aid Measures

Eye	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelid(s) open. Immediately obtain medical attention.
Skin	As quickly as possible remove contaminated clothing, shoes and leather goods. Quickly and gently blot or brush away excess chemical. Immediately flush with lukewarm gently flowing water for 15 minutes. Completely decontaminate clothing, shoes and leather goods before reuse or discard. Obtain medical attention.
Ingestion	Never give anything by mouth if victim is rapidly losing consciousness or convulsing. DO NOT INDUCE VOMITING. Have victim drink 2 to 8 oz. (60 to 240 mL) of water. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Have victim rinse mouth with water again. Obtain medical attention.
Inhalation	Remove contaminated clothing and shoes and move to fresh air immediately. Get medical aid.

## 4. Fire-Fighting Measures

### Suitable extinguishing media

Sand, water-mist, CO<sub>2</sub>, dry chemical or alcohol-resistant foam

### Unsuitable extinguishing media

None known.

### Firefighting procedures

Cool endangered containers with water. Fire fighters should wear full protective clothing including a positive pressure self-contained breathing apparatus.

## 5. Accidental Release Measures

### Precautions

Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Avoid inhaling mists and vapors. If material is released indicate risk of slipping.

### Containment

Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.

### Methods for cleaning up

Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

## 6. Handling and Storage

**Precautions for safe handling:**

Ensure adequate ventilation. Keep away from incompatible substances in accordance with section 10.

**Conditions for Storage**

The product should be stored in shady, dry place with the temperature 0°C-40°C

## Exposure Controls & Personal Protection

**Engineering Controls**

Local Ventilation	None should be needed
General Ventilation	Recommended

**Personal Protective Equipment**

<b>Eyes</b>	Use proper protection-safety glasses as a minimum
<b>Hand</b>	Use butyl rubber protective gloves
<b>Respirators</b>	None should be needed

## 7. Physical and Chemical Properties

**Appearance**

Physical State	Viscous liquid
Color	Blue
Odor	Slight

**Safety parameters**

Boiling Point	Not determined
Freezing/Melting Point	Not determined
Ignition Temperature	Not determined
Explosion Limits: Lower	Not determined
Explosion Limits: Upper	Not determined
Solubility in water	Soluble in water

## 8. Stability and Reactivity

Chemical stability	: <b>Stable</b>
Conditions to Avoid	: <b>Moisture</b>
Material to avoid	: <b>React with acid and alkali chemical materials</b>

## 9. Toxicological Information

Acute toxicity data for product	: <b>No known applicable information.</b>
Special hazard information on components	: <b>No known applicable information.</b>

## 10. Ecological Information

**Environmental ecotoxicity**

**The product is predicted to have low toxicity to aquatic organisms.**

**Aquatic toxicity**

**No known applicable information**

**Mobility**

**Silicone content: Absorbed by floating particles. Separation by sedimentation.**

**Persistence and degradability**

Elimination by adsorption to activated sludge. The product of hydrolysis is readily biodegradable.

**Potential to bioaccumulation**

Bioaccumulation is not expected to occur.

## 11. Disposal consideration

**Product and packaging disposal**

Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

## 12. Transport information

**US DOT & CANADA TDG SURFACE**

Valuation.....: Not regulated for transport

**Transport by sea IMDG-Code**

Valuation.....: Not regulated for transport

**Air transport ICAO-TI/IATA-DGR**

Valuation.....: Not regulated for transport

## 13. Regulatory information

**Labeling according to EEC Directive**

**EU Hazard Symbols**

Xi Irritant

**EU Risk Phrases**

R36/38 Irritating to eyes and skin

**EU Safety Phrases**

S24/25 Avoid contact with skin and eyes.

S37 Wear suitable gloves and eye protection.

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Status**

**EINECS** : All ingredients listed, exempt or notified (ELINCS).

**TSCA** : All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances

**AICS** : All ingredients listed, exempt or notified.

**IECSC** : All ingredients listed or exempt.

**KECL** : All ingredients listed, exempt or notified.

**PICCS** : All ingredients listed, exempt or notified.

**DSL** : All ingredients listed or exempt

## 14. Other information

**Additional information**

This Material Safety Data Sheet (MSDS) 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 MSDS 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 MSDS 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.

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