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| **1. Identification**  |

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| **1.1. Product identifier** |

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| --- | --- | --- |
| **Product Identity** | Silicone Rubber Black |   |
| **Alternate Names** | Marine Silicone Rubber Black, Silicone Sealant, Silicone CaulkProduct Codes: 1142, 1152, 12152 |   |

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| **1.2. Relevant identified uses of the substance or mixture and uses advised against** |

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| **Intended use** | Bedding compound, general sealant. |   |
| **Application Method** | See Technical Data Sheet. |   |

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| **1.3. Details of the supplier of the safety data sheet** |

|  |  |
| --- | --- |
| **Company Name** | Life Industries Corporation |
|   | 4060 Bridge View Drive |
|   | N. Charleston, SC 29405 |
| **Emergency** |  |
| **CHEMTREC (USA)** | (800) 424-9300 |
| **24 hour Emergency Telephone No.** | USA: 1-800-424-9300Outside USA: +1-703-527-3887 |
| **Customer Service: Life Industries Corporation** | +1-843-566-1225 |

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| **2. Hazard(s) identification**  |

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| **2.1. Classification of the substance or mixture** |

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| No applicable GHS categories. |

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| **2.2. Label elements** |
| Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows. |
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| No applicable GHS categories. |

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| **[Prevention]:**  |
| No GHS prevention statements |
| **[Response]:**  |
| No GHS response statements |
| **[Storage]:**  |
| No GHS storage statements |
| **[Disposal]:**  |
| No GHS disposal statements |

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| **3. Composition/information on ingredients** |

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| There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.  |
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| **4. First aid measures** |

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| **4.1. Description of first aid measures** |

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| **General** | In all cases of doubt, or when symptoms persist, seek medical attention.Never give anything by mouth to an unconscious person.    |
| **Inhalation** | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.    |
| **Eyes** | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.    |
| **Skin** | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.    |
| **Ingestion** | If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.    |

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| **4.2. Most important symptoms and effects, both acute and delayed** |

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| **Overview** | Eyes: May cause irritation. Skin: May cause irritation.Ingestion: Not known.Inhalation: Inhalation is not an expect hazard unless misted or heated to high temperaturesChronic Health Hazards: No information found.Medical Conditions Generally Aggravated by Exposure: NA |
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| **5. Fire-fighting measures** |

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| **5.1. Extinguishing media** |

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| Recommended extinguishing media; alcohol resistant foam, CO2, powder, Do not use: water. |

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| **5.2. Special hazards arising from the substance or mixture** |

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| Hazardous decomposition: Sulfur oxides (Contact with water could product sulfuric acid; this is only a concern for large amounts of material engulfed in flames). |

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| **5.3. Advice for fire-fighters** |

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| In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Not considered to be an explosion hazard. |

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| **ERG Guide No.** | ----    |

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| **6. Accidental release measures** |

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| **6.1. Personal precautions, protective equipment and emergency procedures** |

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| Put on appropriate personal protective equipment (see section 8). |

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| **6.2. Environmental precautions** |

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| Do not allow spills to enter drains or waterways. |
| Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. |

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| **6.3. Methods and material for containment and cleaning up** |

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| Confine spill and place in a closed container. Wipe up excess with dry rags and place in a closed container.  |

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| **7. Handling and storage** |

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| **7.1. Precautions for safe handling** |
| Avoid contact with skin and eyes by using personal protective equipment. |

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| **7.2. Conditions for safe storage, including any incompatibilities** |
| Handle containers carefully to prevent damage and spillage. |
| Incompatible materials: Strong oxidizing agents. |
| Product is moisture sensitive (store in a dark, DRY place). |

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| **7.3. Specific end use(s)** |
| No data available. |

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| **8. Exposure controls and personal protection** |

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| There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.  |

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| **8.2. Exposure controls** |    |
| **Respiratory** | Not generally required.    |
| **Eyes** | Goggles should be worn.    |
| **Skin** | PVC or rubber gloves.    |
| **Engineering Controls** | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.    |
| **Other Work Practices** | Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.    |

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| **9. Physical and chemical properties** |

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| **Appearance** | Thick Black Paste |   |
| **Odor** | Mild |   |
| **Odor threshold** | Not Measured  |   |
| **pH**  | Not Measured   |   |
| **Melting point / freezing point**  | Not Measured  |   |
| **Initial boiling point and boiling range**  | Not Measured  |   |
| **Flash Point** | Not Measured  |   |
| **Evaporation rate (Ether = 1)** | Not Measured  |   |
| **Flammability (solid, gas)** | Not Applicable  |   |
| **Upper/lower flammability or explosive limits** | **Lower Explosive Limit:** Not Measured  |   |
|  | **Upper Explosive Limit:** Not Measured   |   |
| **Vapor pressure (Pa)** | Not Measured  |   |
| **Vapor Density** | Not Measured  |   |
| **Specific Gravity** | Not Measured  |   |
| **Solubility in Water** | Insoluble  |   |
| **Partition coefficient n-octanol/water (Log Kow)** | Not Measured  |   |
| **Auto-ignition temperature**  | Not Measured  |   |
| **Decomposition temperature** | Not Measured  |   |
| **Viscosity (cSt)** | Not Measured   |   |
| **% Volatile** | 2%  |   |

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| **9.2. Other information** |
| **California CARB Category:** Chemically Curing Sealant <3.0% VOC W/W |

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| **10. Stability and reactivity** |

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| **10.1. Reactivity** |
| Hazardous Polymerization will not occur. |
| **10.2. Chemical stability** |
| Stable under normal circumstances. |
| **10.3. Possibility of hazardous reactions** |
| No data available. |
| **10.4. Conditions to avoid** |
| No data available. |
| **10.5. Incompatible materials** |
| Strong oxidizing agents. |
| **10.6. Hazardous decomposition products** |
| Sulfur oxides (Contact with water could product sulfuric acid; this is only a concern for large amounts of material engulfed in flames).  |

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| **11. Toxicological information** |

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| **Acute toxicity** |
|   |
| There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage. |

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| Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).  |

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| **Classification** | **Category** | **Hazard Description** |
| Acute toxicity (oral) | --- | Not Applicable |
| Acute toxicity (dermal) | --- | Not Applicable |
| Acute toxicity (inhalation) | --- | Not Applicable |
| Skin corrosion/irritation | --- | Not Applicable |
| Serious eye damage/irritation | --- | Not Applicable |
| Respiratory sensitization | --- | Not Applicable |
| Skin sensitization | --- | Not Applicable |
| Germ cell mutagenicity | --- | Not Applicable |
| Carcinogenicity | --- | Not Applicable |
| Reproductive toxicity | --- | Not Applicable |
| STOT-single exposure | --- | Not Applicable |
| STOT-repeated exposure | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

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| --- |
| **12. Ecological information** |

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| **12.1. Toxicity** |
| No additional information provided for this product. See Section 3 for chemical specific data. |
| **Aquatic Ecotoxicity** |
| There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage. |

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| **12.2. Persistence and degradability** |
| There is no data available on the preparation itself. |
| **12.3. Bioaccumulative potential** |
| Not Measured |
| **12.4. Mobility in soil** |
| No data available. |
| **12.5. Results of PBT and vPvB assessment** |
| This product contains no PBT/vPvB chemicals. |
| **12.6. Other adverse effects** |
| No data available. |

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| **13. Disposal considerations** |

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| **13.1. Waste treatment methods** |
| Observe all federal, state and local regulations when disposing of this substance. |

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| **14. Transport information** |

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|   | **DOT (Domestic Surface Transportation)** | **IMO / IMDG (Ocean Transportation)** | **ICAO/IATA** |
| **14.1. UN number** | Not Applicable | Not Regulated | Not Regulated |
| **14.2. UN proper shipping name** | Not Regulated | Not Regulated | Not Regulated |
| **14.3. Transport hazard class(es)** | **DOT Hazard Class:** Not Applicable | **IMDG:** Not Applicable**Sub Class:** Not Applicable  | **Air Class:** Not Applicable  |
| **14.4. Packing group** | Not Applicable | Not Applicable | Not Applicable |

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| **14.5. Environmental hazards** |

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| **IMDG** | Marine Pollutant: No  |
| **14.6. Special precautions for user** |
|   | No further information |

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| **15. Regulatory information** |

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| **Regulatory Overview** | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.   |
| **Toxic Substance Control Act ( TSCA)** | All components of this material are either listed or exempt from listing on the TSCA Inventory.  |
| **WHMIS Classification** | Not Regulated  |

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| --- | --- | --- |
| **US EPA Tier II Hazards** | **Fire:** | No  |
|  | **Sudden Release of Pressure:** | No  |
|  | **Reactive:** | No  |
|  | **Immediate (Acute):** | No  |
|  | **Delayed (Chronic):** | No  |

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| **EPCRA 311/312 Chemicals and RQs:** To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  |

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| **EPCRA 302 Extremely Hazardous:** To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  |

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| **EPCRA 313 Toxic Chemicals:** To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  |

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| **Proposition 65 - Carcinogens (>0.0%):** To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  |

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| **Proposition 65 - Developmental Toxins (>0.0%):** To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  |

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| **Proposition 65 - Female Repro Toxins (>0.0%):** To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  |

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| **Proposition 65 - Male Repro Toxins (>0.0%):** To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  |

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| **New Jersey RTK Substances (>1%) :** To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  |

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| **Pennsylvania RTK Substances (>1%) :** To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.  |

**California CARB Category:**

Chemically Curing Sealant <3.0% VOC W/W

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| **16. Other information** |

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| The full text of the phrases appearing in section 3 is: |

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| --- |
| Not Applicable |

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| **This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.** |

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| DISCLAIMER: The information and recommendations contained herein are based upon data believed to be correct. Life Industries Corporation assumes no liability for misinterpretation of the data contained within this form as any type of warranty or guarantee of the product. |

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