



Material Safety Data Sheet

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| Chemical Name: | Sila-Koat 610 Silicone |
| Date of Preparation: | March 15, 2012 |
| Date Printed | August 22, 2013 |
| Revision # | 1 |

Section 1 – Chemical Product and Company Identification

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| Product / Chemical Name: | Sila-Koat 610 Silicone |
| Product Composition: | Silicone Coating |
| CAS Number: | Mixture |
| Manufacturer's Name: | Anchor Coatings Corp |
| Manufacturer's Address: | 2280 Tally Road Leesburg, FL 34748 (352) 728-0777 |
| Emergency Telephone Number: | (352) 728-0777 |

Section 2 – Composition / Information on Ingredients

| Reportable Components | CAS Number | Vapor Pressure | Amount |
|--|------------|----------------|---------------|
| Crystalline Silica | 14808-60-7 | N/A | 31 ± 2% |
| OSHA PEL: 0.1 mg/m ³ (as respirable dust only) | | | |
| ACGIH PEL: 0.1 mg/m ³ (as respirable dust only) | | | |
| Petroleum Solvent | Mixture | 2.0 at 20°C | less than 17% |
| 100 ppm TWA (OSHA) | | | |
| 100 ppm TWA (ACGIH) | | | |

Note: All other chemicals in this product are Trade Secrets and are not regulated as hazardous by any state Right-to-Know law.

Section 3 – Hazards Identification

Effects of overexposure:

- Inhalation: Nasal and respiratory irritation, dizziness, fatigue, unconsciousness, asphyxiation.
- Ingestion: Can cause gastrointestinal disorders.
- Skin: Possible irritation, dermatitis and defatting

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Not Known.

PRIMARY ROUTE(S) OF ENTRY: Dermal, Inhalation or ingestion.

Section 4 – First Aid Measures

- Inhalation: Move subject to fresh air. If breathing stopped, administer respiration or oxygen, call a physician.
- Eye Contact: Flush eyes with water for 15 minutes. Consult a physician if irritation persists.
- Skin Contact: Remove contaminated clothing; wash affected area with large amounts of soap and water.
- Ingestion: Do not induce vomiting. Consult a physician.

Section 5 – Fire-Fighting Measures

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| Flash Point: | >105 °F | Method Used: TCC |
| Flammable Limits in Air Volume (Lower): | 1.1 | |
| Flammable Limits in Air Volume (Upper): | 5.0 | |
| Extinguishing Media: | Use foam, dry chemical, CO ² , or water. | |
| Fire and Explosion Hazards: | This product is considered combustible and is a fire hazard. It supports combustion and decomposes under fire conditions to give off toxic materials. Do not pour, spill or store near heat, spark sources or open flame. | |
| Fire-Fighting Instructions: | As appropriate for surrounding materials/equipment. If electrical equipment is involved, the use of foam should be avoided. Use water spray to cool non-involved containers. | |
| Fire-Fighting Equipment: | Wear SCBA with a full-face piece operated in the positive pressure demand mode and full protective clothing (Bunker Gear) when fighting fires. | |
| Rate of Burning: | NDA | |
| Explosive Power: | NDA | |
| Sensitivity to Static Discharge: | Slight | |
| Combustion Products: | Carbon monoxide, carbon dioxide, nitrogen oxides. | |

Section 6 – Accidental Release Measures

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| Small spill: | Remove with absorbent material. |
| Large spill: | Eliminate all ignition sources. Ventilate enclosed areas or wear self-contained breathing apparatus. Recover free liquid in closed containers. Keep out of sewers and water courses. Clean area with absorbent material. |
| Disposal: | Dispose of absorbed material at an approved disposal site or facility according to state and local regulations. |

Section 7 – Handling and Storage

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| Handling Precautions: | Keep from Freezing |
| Storage Requirements: | Store in a cool, dry place. Keep container tightly closed. |

Section 8 – Exposure Controls / Personal Protection

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| Ventilation: | Use adequate ventilation to keep concentration of vapors below exposure limits. |
| Respiratory Protection: | Use NIOSH approved vapor canister or supplied-air respiratory protection in confined spaces that are not ventilated. |
| Protective Gloves: | Use protective gloves if needed to avoid skin irritation. |
| Other Protective Equipment: | Not needed |
| Hygienic Practices: | Keep solvent concentration in working atmosphere below TLV. |

Section 9 – Physical and Chemical Properties

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| Physical State: | Viscous liquid |
| Appearance and Odor: | White or gray with petroleum odor |
| Vapor Pressure (mm Hg at 20°C): | Not determined |
| Density (Air+1): | Heavier than air |
| Water Solubility: | Negligible |
| Boiling Point: | 310 – 385 °F |
| Melting Point: | Not Determined |
| Evaporation Rate: | Slower than ether |
| Volatile Organic Compounds: | <250 Grams/Liter |
| Specific Gravity: | (H20=1) 1.23 |
| Flash Point: | >105 °F |

Sila-Koat 610 Silicone Material Safety Data Sheet

Section 10 – Stability and Reactivity

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| Incompatibility: | Avoid strong oxidizing agents, concentrated nitric and sulfuric acids, halogen, and molten sulfur. |
| Hazardous Polymerization: | Will not polymerize |
| Hazardous Decomposition Products: | By high heat or fire: Carbon Monoxide, Oxides of Nitrogen and various hydrocarbon fragments. |
| Chemical Stability: | This is a stable product. |
| Conditions to Avoid: | Keep away from heat, sparks, or flames. |

Section 11 – Toxicological Information

No information available

Section 12 – Ecological Information

No information available

Section 13 – Disposal Considerations

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| Disposal: | Treat or dispose of waste material in accordance with all local, state, and federal requirements. |
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Section 14 – Transport Information

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| Product Name: | Sila-Koat 610 Silicone |
| Shipping Name: | N/A |
| Hazard Class: | Non-hazardous |

Section 15 – Regulatory Information

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| EPA Regulations: | All components of this product are believed to be in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substances Inventory. |
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Section 16 – Other Information

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| Prepared by: | Willi Kramer |
| Approved by: | Willi Kramer |
| Approval Date: | March 15, 2012 |

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