



MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

HEAT TRANSFER COMPOUND PART NO. 49647

SECTION I – INGREDIENTS

| <u>HAZARDOUS INGREDIENTS</u> | <u>TLV, TWA, PEL</u> | <u>IARC, NTP, OSHA</u> |
|------------------------------|------------------------|------------------------|
| Silica Thickener | PEL 20 MPPCF (As Dust) | Not Listed |
| Zinc Compound * <80% | TWA 5 MG/M3 (As Dust) | Not Listed |

*This Component is Regulated Under Section 313 of SARA

SECTION II – CHEMICAL AND PHYSICAL PROPERTIES

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|---|-----------------------|
| Solubility in Water (@ 20 ⁰ C) | : Nil |
| Specific Gravity (Water=1) | : >1.0 |
| Vapor Pressure (mmHg @ 20 ⁰ C) | : Nil |
| Evaporation Rate (Ether=1) | : <0.001 |
| Percent Volatile (By Weight) | : Zero |
| Vapor Density (Air=1) | : >1 |
| Strong Acid | : No |
| Strong Base | : No |
| Boiling Point (Deg ⁰ F) | : +600 ⁰ F |
| Melting Point (Deg ⁰ F) | : N/A |
| Appearance and Odor | : White Gel, Odorless |

SECTION III – REACTIVITY DATA

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|--------------------------|------------------------------------|
| Stability | : Stable |
| Incompatibility | : Keep away from strong oxidizers. |
| Hazardous Polymerization | : Will not occur. |

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

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| Flash Point (Method) | : 600 ⁰ F (Min) |
| Flammable Limits | : LEL - Unk UEL - Unk |
| Extinguishing Agents | : Dry chemical, C02, waterspray, foam. |
| Special Fire Fighting Procedures | : Avoid breathing vapors. Use breathing apparatus in confined areas. Cool exposed containers with waterspray. |
| Hazardous Thermal | : Silicon dioxide, carbon oxides, formaldehyde |
| Decomposition Product | : Unidentified organic compounds. |

SECTION V – HEALTH HAZARD DATA

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| Permissible Concentrations (Air) | : None established |
| ROUTE(S) OF ENTRY: | |
| Eyes | : None expected |
| Skin | : Prolonged or repeated contact may cause mild irritation. |
| Inhalation | : None expected |
| Ingestion | : None expected |
| FIRST AID PROCEDURES: | |
| Eyes | : Flush with water. See physician |
| Skin | : Wash with soap and water. If high pressure, get immediate medical attention. |
| Inhalation | : Remove from contaminated area. |

SECTION VI – PRECAUTIONS FOR SAFE HANDLING AND USE

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| Steps to Take in Case of Spill | : Add absorbent to spill area. Keep silicone products out of sewers and waterways. Advise authorities if they do enter. |
| Waste Disposal Method | : Dispose of at appropriate waste facility in accordance with regulations. |
| Precautions in Storage | : Keep containers closed when not in use. Do not handle near heat, flames or sparks. Do not weld or heat empty containers. |

SECTION VII – CONTROL MEASURES

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| Respiration Protection | : None Normally Needed. |
| Ventilation Type | : General adequate. Use local mechanical to insure TLV's not surpassed where applicable. |
| Skin Protection | : Chemically resistant desirable. |
| Eye Protection | : Goggles or faceshield desirable. |
| Other Protective Measures | : None normally needed. |

SECTION VIII – HAZARD COMMUNICATION CODES

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|---------------------|-----|
| HMIS CODES: | |
| Health | : 1 |
| Flammability | : 1 |
| Reactivity | : 0 |
| Personal Protection | : B |

The Information Contained Herein is Based on Data Considered Accurate. However, No Warranty is Expressed or Implied Regarding the Accuracy of the Data or the Results to be obtained From the Use Thereof. Because the Information Contained herein may be applied Under Conditions beyond Our Control, We Assume No Responsibility for Its Use.

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