Material Safety Data Sheet

Section 1: Product Identification

Product Name: Kalzinol Powder
Synonym: Thermal Interface Material
Chemical Family: Polymer resin
Formula: Mixture

Section 2: Composition Information

Component	Weight %
Zinc Oxide	0 – 99.7 %
Pigments	0 – 0.01%

Section 3: Hazards Identification
Potential Health Effects:
Ingestion: Non-toxic by ingestion.
Skin: Possible irritant on prolonged contact.
Inhalation: Harmful if strongly heated vapors are inhaled.
Eyes: May cause eye irritation.
Medical Conditions Aggravated: None known
Subchronic Effects: None known

Section 4: First Aid Measures
Ingestion: Do not induce vomiting. Rinse mouth and seek medical attention.
Skin: Wash with soap and water.
Inhalation: Harmful if strongly heated vapors are inhaled. Remove to fresh air.
Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Section 5: Fire Fighting Measures
Flammable Properties:
Flash Point: Not Established
Flammable Limits: LFL: Not Established
UFL: Not Established
Sensitivity to Static Discharge: Not expected
Extinguishing Media: Dry chemical, foam, water spray or fog, carbon dioxide.
Fire & Explosion Hazards: None known
Special Firefighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against toxic and irritating fumes.

Section 6: Accidental Release Measures
Wipe or scrape spilled material and dispose of material in accordance with federal, state, and local regulations.

Section 7: Handling and Storage
Keep container closed when not in use.

Section 8: Exposure Controls/Personal Protection
Engineering Controls: No special ventilation requirements if good ventilation is maintained
Personal Protective Equipment (PPE): Where contact is likely, wear chemical resistant gloves, longs sleeves, and safety glasses with side shields.
General Hygiene Considerations: Wash hands thoroughly after handling and before eating or drinking

Section 9: Physical / Chemical Properties
Boiling Point: Not applicable
Density: 2.2 g/ml
Solubility in Water @ 20ºC: Negative
Vapor Density: Negligible (Air = 1)
Appearance: Yellow
Volatile by Volume: < 1.0 %
Vapor Pressure: Negative mm Hg @ 25° C
Evaporation Rate: Negative
Physical State: Solid
Odor: None to mild odor

Section 10: Stability and Reactivity
Stability: Stable
Conditions to Avoid: None known
Materials to Avoid: Inorganic acids, oxidizing agents.
Hazardous Polymerization: Does not occur
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and silicon dioxide.

Section 11: Toxicological Information
Consult manufacturer for details.

Section 12: Ecological Information
Consult manufacturer for details.

Section 13: Waste Disposal
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Section 14: Transport Information
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Section 15: Regulatory Information
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Section 16: Other Information
NOTICE: The information herein is based on data considered to be accurate at date of preparation. No warranty is made as to the accuracy or completeness of the foregoing data and safety information. No responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, form any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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