



## Material Safety Data Sheet

NFPA Fire: 0

Health: 0

Reactivity: 0

### SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Product Name: TIR600-10 series High Performance Electric & Thermal Conductive Interface Material.

Chemical Name: Natural Graphite

Use: Heat Conduction in Electronic Components

### SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	Percentage
Non-Hazardous Ingredients	000A-00-0	100%

### SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards  Flammable Gas  Flammable Liquid/Solid  Water Reactive   
Combustible  Flammable Aerosol  Pyrophoric  Oxidizer   
Compressed Gas  Explosive  Unstable – Reactive  Organic Peroxide   
Boiling Point, °C: N/A Melting Point: N/A Vapor Density: N/A  
Vapor Pressure: N/A Percent Volatiles: N/A Specific Gravity:  
Solubility in Water: Insoluble Evaporation Rate: N/A Oxidizing Properties: None  
PH: N/A Physical state, appearance and odour: Black fabricated plastic material, little odour

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability: No Flammable Conditions: Material will burn, but will not sustain flame  
Flash Point (Method): N/A Auto-ignition Temperature: N/A  
Flammable Limits: LEL: N/A UEL: N/A  
Extinguishing Media: Use water or other media appropriate for surrounding materials  
Special Fire Fighting Procedures: Wear Self-Contained Breathing Apparatus  
Unusual Fire and Explosion Hazards: Oxides of carbon, silicone dioxide  
Hazardous Combustion Products: None  
Sensitivity to Static Electricity: None  
Additional Information: Material will burn as a combustible solid

### SECTION V - REACTIVITY DATA

Stability Unstable:  Conditions to Avoid: n/a  
Stable

Incompatibility (Materials to Avoid): Do not mix with any strong oxidizers.

Hazardous Decomposition Products or Byproducts: Oxides of carbon, silicone dioxide

Hazardous Polymerization: May Occur:  Will Not Occur:

Conditions to Avoid:

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## SECTION VI - HEALTH HAZARD DATA

Eye: N/A

Skin: N/A

Inhalation: N/A

Ingestion: N/A

Sensitization: None

Irritancy: None

Carcinogenicity:

None Known

NTP:

IARC:

OSHA Regulated

Hazard overview: product is considered non-hazardous under normal and expected usage.

Signs and Symptoms of Exposure: None

Emergency and First Aid Procedures:

Eyes: Flush with water. Particles should be removed by physician.

Skin: Wash with soap and water to remove residues.

Inhalation: N/A

Ingestion: consult physician.

## SECTION VII – ECOLOGICAL INFORMATION

Ecological Information: Not a hazard to the environment.

Chemical Information: Material will not decompose rapidly in the environment. As many polymer systems, very slow degradation will occur.

## SECTION VIII – ACCIDENTAL RELEASE PROCEDURES, HANDLING AND STORAGE

Spill procedures (less than 5 kg): Pick up spilled material to prevent slipping hazard. No special precautions required.

Spill procedures (more than 5 kg): N/A

Handling and Storage Procedures: No special storage hazards.

## SECTION IX - CONTROL MEASURES

Respiratory Protection (Specify Type): Not normally required.

Ventilation: Not normally required.

Protective Gloves: Not normally required.

Eye Protection: Not normally required.

Other Protective Clothing and Equipment: Not normally required.

## SECTION X – DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Dispose as solid waste. Follow all applicable local, state and federal disposal regulations.

## SECTION XI - SHIPPING INFORMATION

DOT Proper Shipping Name and Number: Not regulated

## SECTION XII – ADDITIONAL INFORMATION

NE = Not Established

N/A = Not Applicable

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