

1. Product and Company Identification

Product Code:	0819F	
Product Name:	0819F	
Company Name:	Appli-Tec, Inc 7 Industrial Way Unit 1 Salem, NH 03079	Phone Number: (603)685-0500
Web site address:	www.appli-tec.com	
Emergency Contact:	Contact medical emergency services	
Information:	Call Chemtrec for Transport Info.	(800)424-9300
Intended Use:	Cured parts	

2. Hazards Identification

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Skin Sensitization, Category 1



GHS Signal Word:	Warning
GHS Hazard Phrases:	H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.
GHS Precautionary Phrases:	P261 - Avoid breathing vapors, mist, or spray. P264 - Wash hands thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/eye protection/face protection.
GHS Response Phrases:	P302+352 - IF ON SKIN: Wash with plenty of soap and water. P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+313 - If skin irritation or rash occurs, seek medical advice/attention. P337+313 - If eye irritation persists, get medical advice/attention. P362 - Take off contaminated clothing and wash before re-use.
GHS Storage and Disposal Phrases:	P501 - Dispose of contents/container according to national and local regulations.
OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):	Operations such as sawing, slicing, grinding and sanding can generate dust. Suppress dust accumulation whenever possible by implementing controls such as wet processing.
Inhalation:	Dust is irritating to the respiratory tract. Harmful if inhaled.
Skin Contact:	Causes skin irritation. May cause allergic skin reaction.
Eye Contact:	Causes eye irritation.
Ingestion:	Harmful if swallowed.
Additional Information	No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7440-33-7	Tungsten	36.0 -50.0 %
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	0.1 -1.0 %

Additional Information Exact percentages have been withheld as a trade secret. Product consists of cured epoxy encapsulating the above fillers.

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: > 93.00 C

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Ensure adequate ventilation. Use proper personal protective equipment as indicated in Section 8. Vacuum or sweep up material and place into a suitable disposal container.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Use with adequate ventilation. Avoid ingestion and inhalation. Normal measures for preventive fire protection.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7440-33-7	Tungsten	No data.	TLV: 5 mg/m3 STEL: 10 mg/m3	No data.

67762-90-7 Siloxanes and silicones, di-me, No data. No data. No data.
reaction products with silica

Respiratory Equipment (Specify Type): Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States: [] Gas [] Liquid [X] Solid

Appearance and Odor: Appearance: Gray and white. Solid.
Odor: weak odor.

pH: No data.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: > 93.00 C

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): ~2

Solubility in Water: No data.

Saturated Vapor Concentration: No data.

Octanol/Water Partition Coefficient: No data.

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: No data.

Information with regard to primary physical hazard:

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: No data available.

Incompatibility - Materials To Avoid: No data available.

Hazardous Decomposition or Byproducts: Carbon oxides, Nitrogen oxides.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.

Sensitization: Skin sensitization.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Observe all federal, state, and local environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

UN Number: **Packing Group:**

Hazard Class:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

UN Number: **Packing Group:**

Hazard Class:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7440-33-7	Tungsten	No	No	No
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7440-33-7	Tungsten	TSCA: Inventory
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	TSCA: Inventory, 8A, 8A PAIR

16. Other Information

Revision Date: 12/21/2023 **Previous revision:** 03/03/2016

Additional Information About This Product: No data available.

Company Policy or Disclaimer: The information on this data sheet represents our current and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or the applicable technical bulletin, or which involves using the product in combination with any other product or any other process is the responsibility of the user.