



WHEN THE **HEAT** IS ON, KEEP YOUR COOL WITH **AVS!**

Safety Data Sheet (SDS)

SDS-143
May 2019

Product: AVS-PTFE Coated Glass Sewing Thread with Lubricant

1. Chemical Product and Company Identification

Trade Name: E-/PL, S-PL, SSS-PL, SIS3-PL

Manufacturer:

AVS Industries LLC
21 Bellecor Drive
Unit C
New Castle, DE 19720

Phone Product Information (302) 221-1720
Revision Date: May 31, 2019

DESCRIPTION

No Hazard Rating is available for this Product.

2. Hazard Identification

Precautionary Statement: Inhalation of the thermal decomposition products, arising from high temperature or fire, is hazardous to health. Contamination of tobacco products must be avoided.

Potential Hazards:

Skin: Cutting or abrading material may produce small amounts of glass fiber particulates which may cause skin irritation. Frequent or prolonged contact may irritate dermatitis.

Eyes: Slightly irritating but does not injure eye tissue.

Inhalation: Inhalation of fumes from burning or heating above 300 C can cause polymer fume fever.

Ingestion: Not a likely route of entry. Ingestion can cause gastrointestinal tract irritation.

3. Composition and Information on Ingredients

Ingredient	CAS Number	Weight (%)
Polytetrafluoroethylene (PTFE)	9002-84-0	10-20%
Glass fiber	65997-17-3	80-90%
Stainless Steel Thread		0-5%
Inconel Thread		0-5%
Various High Temperature Pigment		0-2%
Silicone Thread Lubricant		0-5%

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4. First Aid Information

Skin: Not normally considered hazardous, if irritation occurs wash thoroughly with soap and water, if irritation persists consult a physician.

Eyes: Not normally considered hazardous, if irritation occurs flush with water, if irritation persists consult a physician.

Inhalation: N/A for material as supplied at room temperature and used as intended. Processing at high temperature may generate fumes which can cause flu-like symptoms. Remove to fresh air, consult physician if severe.

Ingestion: If swallowed consult a physician. Do not induce vomiting unless instructed to do so by a physician.

Most Important Symptoms and Effects: Polymer Flu Fever. Inhalation of the thermal decomposition products, arising from high temperature or fire will cause flu like symptoms. Symptoms may be delayed several hours.

5. Fire Fighting Measures

Extinguishing Media: Use media appropriate to primary source of fire.

Specific Hazards during Fire-Fighting: Flashpoint of lubricant is 660F. Decomposition products will burn at about 1250F, producing toxic and corrosive gaseous products.

Special Protective Equipment: Wear self-contained breathing apparatus and protective suit. Wear neoprene gloves during cleaning up work after a fire.

6. Accidental Release Measures

Personal Precautions: N/A Solid material

Environmental Precautions: N/A Solid Material

Methods & Materials for Cleanup: Collect with hands, broom, shovel, and/or vacuum.

7. Handling and Storage

Store and handle using good warehouse practices. Avoid contamination of tobacco products.

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8. Exposure Controls and Personal Protection

Engineering Controls: NA

Personal protective equipment: Use appropriate NIOSH-approved respirator in the presence of dust or decomposition fumes.

Eye and Face: Use of safety glasses is recommended

Hands, Arm, and Body: Material is small in diameter yet relatively strong, and can produce cuts, particularly if being rewound or transferred at a high speed.

Exposure Guidelines:

Ingredient Name	ACGIH TLV mg/m ³	OSHA PEL mg/m ³
Polytetrafluoroethylene (PNOC)		
Particulates Not Otherwise Classified	15 (total dust) 5 (respirable fraction)	10 (inhalable fraction) 3 (respirable fraction)
Fibrous glass dust	15 (total dust) 5 (respirable dust)	5 (inhalable fraction) 3 (PNOC)

Hygiene Measures - Wash hands immediately after handling, do not contaminate tobacco products.

9. Physical and Chemical Properties

Appearance: Solid continuous sewing thread of various colors

Upper / Lower Flammability or Explosive Limits: N.A.

Odor: None

Vapor Pressure: N.A.

Odor Threshold: N.A.

Vapor Density: N.A.

pH: N.A.

Relative Density: N.A.

Melting Point / Freezing Point: N.A.

Solubility: Insoluble

Initial Boiling Point & Boiling Range: N.A.

Flash Point: N.A.

Evaporation Rate: N.A.

Decomposition Temperature: - 300 C

Viscosity: N.A.

10. Stability and Reactivity

Reactivity: Stable at normal ambient temperature and pressure

Chemical Stability: Stable

Incompatibilities: Strong oxidizers, acids, and bases.

Hazardous Decomposition Products: Thermal decomposition may produce toxic and corrosive gaseous products.

Hazardous Polymerizations: Hazardous polymerization will not occur

11. Toxicological Information

Immediate (acute) Effects: No acute effects have been identified.

Delayed Effects: No delayed or chronic effects have been identified.

Other Data: N.A.

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12. Ecological Information

No ecological information is available for this material.

13. Disposal Considerations

Waste Disposal: Material as supplied is not a hazardous waste according to RCRA. Landfill according to current federal, state, and local regulations, or incinerate in a high-temperature incinerator designed to burn fluoride-containing materials. Processing use or contamination may make this information inaccurate or incomplete.

14. Transportation Information

US DOT Hazard Class: N.A.

US DOT ID Number: N.A.

15. Regulatory Information

TSCA Status: Each ingredient is on the inventory

NRS Status (Canada): Each ingredient is on the DSL

SARA Title III

Hazard Categories:

Acute Health: yes

Chronic Health: no

Fire no

Pressure Hazard: no

Reactivity: no

Reportable Ingredients:

Sec. 313: none

Sec. 302: none

16. Other Information

This Safety Data Sheet was revised in its entirety in May 2019.

ABBREVIATIONS:

- 1) ACGIH – American Conference of Governmental Industrial Hygienists
- 2) OSHA – Occupational Safety and Health Administration
- 3) NIOSH – National Institute of Occupational Safety and Health
- 4) IARC – International Agency for Research on Cancer
- 5) NTP – National Toxicology Program
- 6) TLV – Threshold Limit Value
- 7) PEL – Permissible Exposure Limit
- 8) TWA – Time Weighted Average
- 9) STEL – Short Term Exposure Limit
- 10) IDHL – Immediately Dangerous to Life or Health
- 11) N.A. – Not Applicable
- 12) N.D. – Not Determined
- 13) N.E. – Not Established
- 14) DSL – Domestic Substances List

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