



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

Safety Data Sheet

SDS-133
May 2019

Product: AVS Fiberglass PTFE 17S-1-60

1. Chemical Product and Company Identification

Trade Name: AVS Fiberglass PTFE 17S-1-60

Synonyms: Fiberglass Fabric, PTFE Coated, One Side, Grey, Black, Pewter Metallic

Manufacturer:

AVS Industries LLC

21 Bellecor Drive

Unit C

New Castle, DE 19720

Phone Product Information (302) 221-1720

Revision Date: May 1, 2019

DESCRIPTION

No Hazard Rating is available for this Product.

2. Hazard Identification

Emergency Overview:

PTFE Coated Fiberglass Fabric with no odor.

Effects of Overexposure:

Eye Contact: Slight irritation may be caused in contact with eyes. Itching and redness of the eyes.

Skin Contact: Temporary irritation of skin may be produced. Itching and redness may occur. Rash possible.

Inhalation: Inhalation of fumes from the decomposition of the by-products from polytetrafluoroethylene can induce temporary flu-like symptoms. Sore throat is a common side effect.

Ingestion: Not Applicable.

Chronic Hazards:

There are no known chronic health effects associated with the use of this product under normal working conditions.

Primary routes of entry: Inhalation and eye contact from fumes or dust.

NFPA Rating: Health – 3, Fire – 0, Reactivity – 0, Specific Hazard – None

HMIS III Rating: Health – 1, Flammability – 0, Physical Hazards – 0,
Personal Protection – B (Safety Glasses, Gloves)

Product: AVS Fiberglass PTFE 17S-1-60

3. Composition and Information on Ingredients

Ingredients(s)	CAS Number	Approx. Percent
Fiberglass Cloth	65997-17-3	76%
Exposure Limits: OSHA PEL 15 mg/m ³ (total), 5 mg/m ³ (respirable), ACGIH TLV 1 f/cc		
Polytetrafluoroethylene (PTFE) (Silver Grey, Black and Pewter Metallic Pigment)	9002-84-0	24%

4. First Aid Information

Eye Contact: Flush eyes immediately with large amounts of water for at least 15 minutes holding eyelids open while flushing. Seek medical attention promptly.

Skin Contact: Wash contaminated skin thoroughly with mild soap and cool water. Seek medical attention if irritation persists.

Inhalation: Remove person from source of exposure and then seek medical attention immediately.

Ingestion: Not applicable.

5. Fire Fighting Measures

Flash Point: > 482°F (250°C)
Lower Explosive Limit (%): N.A.
Upper Explosive Limit (%): N.A.

Autoignition Temperature: N.D.

Extinguishing Media: Carbon dioxide, water, or dry chemical for type of surrounding fire.

Unusual Fire & Explosion Hazards: None

Fire Fighting Instructions: Wear full fire fighting protective equipment including self-contained breathing apparatus.

6. Accidental Release Measures

PTFE coated fiberglass fabric is sold in roll form. If the material is accidentally released, please rewind the material back on to the roll.

7. Handling and Storage

Store material in a clean dry place. Store away from oxidizing materials.

Use specified material handling equipment.

Particular care should be taken when working with "used" material to minimize dust. If exposure limits are exceeded or if irritation is experienced, NIOSH approved respiratory protection should be worn.

Product: AVS Fiberglass PTFE 17S-1-60

8. Exposure Controls and Personal Protection

ENGINEERING CONTROLS:

Ventilation: Special ventilation is not required in handling.

Respiratory Protection: No special respiratory equipment is required in handling.

Eye Protection: No special eye protection is required in handling.

Protective Clothing: No special protective clothing is required in handling.

Hygienic Practices: Use good personal hygiene practices. Wash hands with soap and water after handling.

9. Physical and Chemical Properties

PHYSICAL DATA:

Fiberglass Softening Point: 1555° F

Fiberglass Melting Point: 2075° F

PTFE Melt Point: > 600°F

Solubility in Water: Insoluble

Vapor Pressure: N.D.

Vapor Density: N.D.

PTFE Specific Gravity: 1.6

Color: Silver Grey, Black, Pewter Metallic

Odor: None

Physical State: Fiberglass Woven Fabric coated on one side with PTFE.

10. Stability and Reactivity

Chemical Stability – Product is stable at normal temperature and storage conditions.

Incompatibilities:

Fiberglass Fabric: Basic phosphates, hydrofluoric acid, and some oxides and hydroxides.

Silicone Coating:

Conditions to Avoid: Oxidizing materials can cause a reaction.

Hazardous Polymerization: Hazardous polymerization will not occur under normal conditions.

Hazardous Decomposition Products (PTFE Only): Thermal breakdown of this product during very high heat conditions may evolve the following hazardous decomposition products: Carbon monoxide; Carbon dioxide; Hydrogen fluoride

11. Toxicological Information

Any direct contact with PTFE coated fiberglass fabrics or exposure to airborne fiberglass dust may irritate the eyes, skin, nose and throat. Fiberglass fibers may cause itching of the skin. This is not an allergic reaction to PTFE coated fiberglass fabric. Inhalation of the fibers may irritate the throat and lungs potentially resulting in a cough or scratchy throat. Not all people are sensitive to the fiberglass fibers.

Medical Conditional Aggravated: None known.

12. Ecological Information

No known hazards. Inhalation of fiberglass dust from the uncoated side is the only issue.

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13. Disposal Considerations

Dispose of waste material in accordance with applicable federal, state, and local environmental regulations. Incineration preferred in a city, state, or federal approved disposal facility.

14. Transportation Information

DOT Proper Shipping Name: Fiberglass Fabric, PTFE Coated
DOT Hazardous Class: None
DOT UN/NA Number: None
Emergency Response Guide Number: None

15. Regulatory Information

Ingredients(s)	CAS Number
Polytetrafluoroethylene (PTFE) (Silver Grey, Iron Red, Black and Yellow Pigment)	9002-84-0

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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