



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

Safety Data Sheet (SDS)

SDS-152
May 2019

Product: **AVS Silicone Coated Fiberglass Sleeving**

1. Chemical Product and Company Identification

Trade Name: AVS Silicone Coated Fiberglass Sleeving

Synonyms: S-GSI-1/2", S-GSI-1", S-GSI-1 1/2", S-GSI-2", S-GSI-2 1/2", S-GSI-3"
S-GSA-1/2", S-GSA-1", S-GSA-1 1/2", S-GSA-2", S-GSA-2 1/2", S-GSA-3"

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

Emergency Overview

Off-white braided fiberglass sleeving coated with a colored silicone jacket.

Effects of Overexposure:

Eye Contact: Slight irritation may be caused in contact with eyes.

Skin Contact: Temporary irritation of skin may be produced.

Inhalation: Inhalation of airborne fibers may cause temporary irritation to the mouth, nose and throat.

Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Chronic Hazards:

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

Primary routes of entry: Skin contact, inhalation, ingestion & eye contact.

Carcinogenicity Information: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as carcinogen.

Product: AVS Silicone Coated Fiberglass Sleeving

3. Composition and Information on Ingredients

Ingredients(s)	CAS Number	Approx. Percent
Continuous filament glass fibers	65997-17-3	64%
Dimethyl siloxane, dimethylvinyl-terminated	68083-19-2	17%
Trimethylated silica	68909-20-6	17%
Pigment	None Assigned	2%

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. Do not wash with warm water because this will open up the pores of the skin, which will cause further penetration of the fibers. Use a washcloth to remove fibers. To avoid further irritation, do not rub or scratch affected areas. Rubbing or scratching may force fibers into the skin. Seek medical attention if irritation persists.

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

Ingestion: Ingestion of this product is unlikely. If it does occur, seek medical attention immediately.

5. Fire Fighting Measures

Flash Point: N.A.

Lower Explosive Limit (%): N.A.

Upper Explosive Limit (%): N.A.

Autoignition Temperature: N.D.

Extinguishing Media: Water fog, foam, carbon dioxide (CO₂) or dry chemical for type of surrounding fire.

Unusual Fire & Explosion Hazards: During sustained fire irritating and/or toxic gases may be generated by combustion.

Fire Fighting Instructions: N.A.

Protection during firefighting: Use self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental Release Measures

Step to be taken in case material is released or spilled:

Any dust generated will settle out of air. It can be vacuumed (vacuum should have HEPA filter) or wet mopped. Avoid using compressed air or sweeping to collect dust as it will release dust into the air again.

Dispose as non-hazardous waste.

7. Handling and Storage

Store material in a clean dry place, and keep container closed.

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 Silicone Coated Fiberglass Sleeving

8. Exposure Controls and Personal Protection

EXPOSURE CONTROLS:
Control parameters by substance):

<i>Exposure Limits</i>	
PEL (OSHA)	5 mg/m ³
TLV (ACGIH)	3 mg/m ³
NIOSH	
IDHL	

Ventilation: General ventilation and/or local exhaust ventilation are adequate.

Respiratory Protection: NIOSH approved respiration should be used in any environment where dust generation exceeds applicable PELs or TLVs

Eye Protection: Wear safety glasses or goggles when cutting the product.

Protective Clothing: Gloves may be worn to prevent irritation from dust or fibers during cutting of the product. Normal working clothes recommended.

9. Physical and Chemical Properties

PHYSICAL DATA:

Appearance: Off-white braided fiberglass sleeving coated with a colored silicone jacket.

Color: Black, Red & Silver

Melting Point: 1,048°F 1,120°C

Solubility in Water: Insoluble

Vapor Pressure: N.D.

Vapor Density: N.D.

Specific Gravity: 1.3 – 1.4

Odor: None

10. Stability and Reactivity

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

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

Hazardous decomposition Products: Primary combustion products are carbon monoxide and carbon dioxide, and traces of incompletely burned carbon compounds, silicon dioxide, formaldehyde, metal oxides, and nitrogen oxides.

11. Toxicological Information

Acute toxicity: AVS Silicone Coated Fiberglass Sleeving is not considered to be hazardous or contain any hazardous chemicals as defined by OSHA Hazard Communication Standard.

Carcinogenicity: Fiberglass is not classified as human carcinogen as per ACGIH or IARC.

12. Ecological Information

No information is available; however, toxicity is expected to be low based on the insolubility in water of the product.

Product: AVS Silicone Coated Fiberglass Sleeving

13. Disposal Considerations

Not considered hazardous waste. Dispose of waste material in accordance with applicable federal, state, and local environmental regulations.

14. Transportation Information

DOT Proper Shipping Name: AVS Silicone Coated Fiberglass Sleeving
DOT Hazardous Class: None
DOT UN/NA Number: None
Emergency Response Guide Number: None

MFAG No.:

Air Transport

DOT quantity limitations passenger aircraft/rail (49 CFR 173.27):
DOT quantity limitations cargo aircraft only (49 CFR 175.75):

Notes: Not regulated.

15. Regulatory Information

U.S. Federal Regulations as Follows:

WHMIS: N.A.

SARA: None

OSHA: N.A.

TSCA: The chemical substances in this product are on the TSCA Section 8 Inventory.

Title III Chemical Lists: N.A.

CERCLA Chemical Lists: N.A.

16. Other Information

This Material 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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