



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

## Safety Data Sheet (SDS)

SDS-139  
May 2019

### Product: Lubricated stainless steel and cotton thread

#### 1. Chemical Product and Company Identification

**Trade Name:** AVS-Sew Thread (met) 13 & AVS-Sew Thread (met) 20

**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

Effects of Overexposure:

Skin: May cause slight irritation with prolonged contact

Eyes: May cause smarting of the eyes and irritation if eyes are rubbed after prolonged handling

Inhalation: Does not emit harmful airborne particles in normal conditions but long-term inhalation of respirable dust or fiber particles may cause damage to the lungs.

Ingestion: No information available

#### 3. Composition and Information on Ingredients

Ingredient	CAS Number	Weight (%)
1.4841 Stainless steel	-	<80
Cotton	9004-34-6	<30
Polydimethyl siloxane	63148-62-9	<5

Substances within the stainless steel which have prescribed EC limits

Chromium	7440-47-3	<20% of total thread weight
Iron/ Iron Oxide	7439-89-6	<40% of total thread weight
Nickel	7440-02-0	<15% of total thread weight
Other trace components		
Organo-phosphorus-nitrogen compound		<1%
Ethoxylated amines		<0.006%
Formaldehyde		<0.004%

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### 4. First Aid Information

Skin: If irritation develops, wash affected area with soap and water. If discomfort continues, seek medical attention.

Eyes: If irritation develops, flush eyes with running water for 15 minutes. If discomfort continues, seek medical attention.

Inhalation: In the unlikely event that dust or fiber particles occur and irritation develops, remove person to fresh air. If discomfort persists seek medical attention.

Ingestion: No specific advice. Treat symptomatically. Do not induce vomiting, unless instructed to do so by qualified medical personnel.

### 5. Fire Fighting Measures

#### Flammable Properties

Flash Point: N.A.

Autoignition Temperature: N.A.

Lower Flame Limit (%): N.A.

Upper Flame Limit (%): N.A.

Flame propagation rate: Not Determined

OSHA Flammability Class: N.A.

#### Extinguishing Media

Small fire – Foam, dry chemical or CO<sub>2</sub> extinguisher

Large fire – Foam, dry chemical or CO<sub>2</sub>

#### Special Fire Fighting Precautions/ Instructions

Wear self-contained breathing apparatus meeting NIOSH standards (or equivalent). Avoid excessive inhalation of smoke or potential thermal decomposition products. Molten material can cause severe burns. Do not try to peel material from skin but instead douse with plenty of water whilst pain relief is obtained.

### 6. Accidental Release Measures

In case of spill or other release

Always wear personal protective equipment as recommended in Section 8. Disposal must be according to local regulations. No specific safety risks or risks to the environment are known.

### 7. Handling and Storage

Normal Handling: Keep away from heat and other sources of ignition. Do not ingest. If ingested seek medical advice immediately and show the product label and this SDS. Ensure adequate grounding of equipment and shelving to avoid possible static electricity build-up.

Storage Recommendations: Store in closed original packaging in a cool, dry and well-ventilated area away from strong alkalis and acids.

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### 8. Exposure Controls and Personal Protection

Components with occupational exposure limits: No specific controls required.

Industrial Hygiene: Handle in accordance with good industrial hygiene practice to protect eyes, lungs and skin.

Personal Protection: No specific controls required.

Other exposure limits for potential decomposition Products: In the event of fire, wear self-contained breathing apparatus meeting NIOSH regulations (or equivalent).

### 9. Physical and Chemical Properties

Appearance: Natural or colored continuous strand

Physical State: Solid

Molecular Weight: N.A.

Chemical formula: Various

Odor: No characteristic odor

Specific Gravity: Approx. 6.0 g/ cm<sup>3</sup>

Solubility in water: Insoluble

pH: 4.0 – 7.5

Boiling Ppoint: not determined

Melting Point: >1400°C (stainless steel core)

Thermal decomposition: >160°C (cotton cover)

Vapor density: N.A.

Evaporation Rate: N.A.

% Volatiles: <1%

Flash Point: N.A.

### 10. Stability and Reactivity

Conditions to avoid

None under normal storage conditions

Materials to avoid

Strong alkalis or acids

Hazardous Decomposition products

None under normal storage conditions

Combustion off-gases

Thermal decomposition products may include CO, CO<sub>2</sub>, SiO<sub>2</sub>, NO<sub>x</sub>, HCN and other C, H and O compounds varying in chemical structure and molecular weight

### 11. Toxicological Information

No data available.

### 12. Ecological Information

The product itself and its products of degradation are not known to be toxic.

### 13. Disposal Considerations

Material must be disposed of in accordance with National, State and local environmental control regulations and in conformance with any regional (e.g. EU) Directive.

### 14. Transportation Information

Not classified as hazardous.

US DOT Hazard Class Not regulated

RID/ ADR/ AND Not classified

UN Classification Not classified

IATA Not regulated

IMDG Not regulated

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### 15. Regulatory Information

The constituent chemicals are listed in the TSCA 8(b) Inventory in the USA.  
Complies with EU Reg 528/2012

### 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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