



U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form). Format meets ANSI Z400.1-1998, OSHA 1910.1200 and WHMIS requirements.

Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

Section 1: Product and Company Identification

Product Name:	AG246050WTV 24 OZ Vermiculite Coated Fiberglass Fabric
Product Type:	Rolled Goods
Manufacturer:	TECHNIWELD USA
Physical Address:	6205 BOAT ROCK BLVD ATLANTA, GA 30336
Mailing Address:	P.O. Box 44226 ATLANTA, GA 30336
Business Phone:	404-699-9900
Business Fax:	404-699-7800
E-mail Address:	info@TWUSA.COM
Web Address:	www.TWUSA.COM
Emergency Phone:	CHEMTREC (24-Hour) 1-800-424-9300 Outside of the USA & Canada 1-703-527-3887
Date of Preparation:	12/3/2024
OSHA Regulatory Status:	Non-Regulated
WHMIS Classification:	Not a Controlled Product

- **Weave: PLAIN**
- **Yarn: WARP: ET9 860 Tex; WEFT: ET9 860 Tex**
- **Length: 50 yds (45.72 m)**
- **Width: 60" (1.52 m)**
- **Weight as per ASTM-D3776-2009: 815 g / m²**
- **Weight: 24 oz/yd²**
- **Thickness as per ASTM-D1777-1996: 1 mm**
- **Thread Count per cm as per ASTM-D3775-2008: WARP: 6; WEFT: 3.4**
- **Coating: Heat Treatment First & 20% Vermiculite Coating Brown**
- **Tensile Strength as per ASTM-D5034-2001: WARP: 1700 N/2.5cm; WEFT: 1150 N/2.5cm**
- **Continuous Use Temperature: 1832° F (1000° C)**
- **Melt Point Temperature: 3092° F (1700° C)**
- **Certifications: Europe BSEN 476 part 7, European Union CE, America FM/ANSI 4950**

Section 2: Hazards Identification

Classification of the Substance or Mixture
GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS)
Health, Respiratory or skin sensitization, 1 Skin
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3

GHS Signal Word: WARNING

GHS Hazard Pictograms:



GHS Hazard Statements:

H317 - May cause an allergic skin reaction

H315 - Causes skin irritation

H 320 - Causes eye irritation

H335 - May cause respiratory irritation

GHS Precautionary Statements:

P264 - Wash _ thoroughly after handling.

P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.

P337 - If eye irritation persists: _

P337+313 - Get medical advice/attention.

Carcinogenicity

Hazardous Ingredients	ACGIH	IARC	NTP	OSHA
Fiberglass Continuous filament	No	No	No	No

Section 3: Composition and Information on Ingredients

Composititon:

Chemical Name	CA-NO	Chemical Ingredients
Fiberglass, continuous filament	65991-17-3	0%
Vermiculite Coating	/	0%

Section 4: First Aid Measures

Inhalation: Move individual to fresh air. Seek medical attention if irritation persists.

Skin Contact: Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid further irritation, do not rub or scratch irritated areas. Rubbing or scratching may force fibers into the skin. Seek medical attention if irritation persists.

Eye Contact: Flush eyes with flowing water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: N/A

Section 5: Fire Fighting Measures

Flash Point: N/A

Auto Ignition Temperature: N/A

Flammability Limits (%): LEL: N/A UEL: N/A

Extinguishing Media: Water, foam, carbon dioxide, dry chemical

Special Fire Fighting Instructions: In sustained fire, self-contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards: None known

Section 6: Accidental Release Measures

Action To Take For Spills: For sold product no applicable. For dusts and fibers generated during fabrication, vacuum up and containerize

Section 7: Handling and Storage

Personal precautions, protective equipment and emergency procedures: avoid formation of dust

Environmental precautions: no need to special environment preventive measures

Processing prevention: use appropriate material handling machine

Storage requirements: store in a dry place

Section 8: Exposure Controls / Personal Protection

- Avoid unnecessary exposure to dusts and fibers.
 - Remove fibers from skin after exposure.
 - Be careful not to bur or scratch irritated areas. Rubbing or scratching may force the fibers into the skin. The fibers should be washed off. Use of barrier creams can, in some instances, be helpful.
 - Keep work area clean of any dust and fibers. Avoid sweeping or using compressed air as these techniques re-suspend dusts and fibers into air.
 - Have access to safety showers and eye wash fountains.
 - For professional use only. **KEEP OUT OF CHILDRED'S REACH**
-

Section 9: Physical and Chemical Properties

Melting Point: 1700°C

Softening point: 800°C

Boiling Point°C: N/A

Specific Gravity (Bare Glass): 2.59

Percent Volatile: N/A

Vapor Pressure (mm/Hg): N/A

Vapor Density (Air=1): N/A

Evaporative Rate (Ethy1 Ether=1): N/A

Solubility in Water: Not Soluble

Appearance and Odor: Yellow with no odor

PH: N/A

Section 10: Stability and Reactivity

Chemical Stability: Material is stable.

Conditions to Avoid: None known.

Materials to Avoid: Strong oxidizing agents

Hazardous Decomposition: Carbon monoxide; carbon dioxide

Hazardous Polymerization: Will Not Occur.

Section 11: Toxicological Information

Direct Contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, eyes, nose, and throat. Fiberglass Can cause itching due to mechanical irritation from the fibers. This is not an allergic reaction to the material. Breathing fibers may irritate the airways resulting in coughing and scratchy throat. Some people are sensitive to the fibers, while others are not.

Section 12: Ecological Information

Ecotoxicity: N/A

Persistence and degradability: N/A

Bioaccumulative Potential: N/A

Mobility in soil: N/A

Section 13: Disposal Considerations

Disposal methods:

Waste from residues: Offer surplus and non-recyclable solution to a licensed disposal company

Contaminated Packing: Empty containers should be taken to an approved waste handling site for recycling or disposal

Section 14: Transportation Information

None Special Required

Section 15: Regulatory Information

CAS/PERC: N/A

Section 16: Other Information

To the best of our knowledge, the information contained herein is accurate. The information provided is based upon data furnish by NewFire. Assume liability whatsoever for the accuracy or completeness of the information contained herein. While believed to be reliable, the information of products is intended for use by skilled persons at their own risk. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that those are the only hazards that exist.