

VR Lite (Green Roofs)

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VR EdgeGuard VR DrainGuard VR Edging Leveling Strip

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR EDGEGUARD
VR DRAINGUARD
VR EDGING LEVELING STRIP

COMPANY TREMCO INC

Tremco Commercial Sealants & Waterproofing
www.tremcosealants.com

United States Canada
T: 1.800.321.7906 (8:30 - 5:00 EST) T: 1.800.363.3213 (8:30 - 5:00 EST)

EMERGENCY PHONE

1.800.562.2728 (8:30 - 5:00 EST)
AFTER HOURS: 1.800.424.9300

Tremco Roofing & Building Maintenance

www.tremcoroofing.com

United States Canada

T: 1.800.526.2728 (8:30 - 5:00 EST) T: 1.800.668.9879 (8:30 - 5:00 EST)

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview

No serious effects anticipated under normal conditions of use.

Acute Potential Health Effects

Routes of Entry

Inhalation:

Not applicable under normal conditions of use.

Eyes:

Not applicable under normal conditions of use.

Ingestion:

Not applicable under normal conditions of use.

Skin:

Not applicable under normal conditions of use.

AGGRAVATED MEDICAL CONDITIONS

Pre-existing disorders involving any target organs may be aggravated by over-exposure.

CHRONIC HEALTH EFFECTS

Contains material that may cause target organ damage. Not applicable for metal solid form.

Eye contact: Get medical attention if any damage to the eye is caused by the metal. Get medical attention if irritation occurs.

Skin contact: Cuts should be treated promptly and covered. In Case of burns with heated material cool affected skin with cold water until medical attention can be obtained.

SECTION 5 FIRE FIGHTING MEASURES

Flash point: Not applicable.

Method: Not applicable.

Autoignition: Not applicable.

Lower explosion limit: Not applicable.

Upper explosion limit: Not applicable.

Extinguishing media:

Use a class D dry powder extinguisher. Avoid use of water, foam, halogenated extinguisher agents.

Hazardous combustion: Not available.

SECTION 3 PRODUCT COMPOSITION

This is not a hazardous material as defined in the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Recycle, if possible. Take care with items that are sharp or heavy. Do not attempt to arrest the flow of molten aluminium with shovels, hand tools or footwear.

SECTION 4 FIRST AID MEASURES

No adverse health effects are expected from exposure to this product.

Inhalation: Seek medical attention.

SECTION 7 HANDLING AND STORAGE

Take care with items that are sharp or heavy. Use standard techniques to check metal temperature before handling.

VR EdgeGuard, VR DrainGuard, VR Edging Leveling Strip

SECTION 8 EXPOSURE CONTROLS

Respiratory protection: Recommended, if workers are exposed to concentration above the exposure limit.

Hand protection: Protect hands with strong, cut-resistant gloves use for handling metals.

Eye protection: Wear appropriate eye protection.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Form:	Solid, Metal.
Color:	Silvery Grey.
Odor:	odorless.
PH:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Melting Point:	1220 °F (660 °C).
Freezing Point:	1220 °F (660 °C).
Boiling Point:	Not available.
Water Solubility:	Insoluble.
Specific Gravity:	Not available.
Volatile Weight:	Not available.

SECTION 10 REACTIVITY / STABILITY

Substances to avoid:	Not Applicable.
Stability:	Stable.
Hazardous polymerization:	Not Applicable.

SECTION 11 TOXICOLOGICAL INFORMATION

No health effects are expected.

SECTION 12 ECOLOGICAL INFORMATION

Not readily biodegradable.

SECTION 13 DISPOSAL CONSIDERATIONS

Recycle, if possible.
Incineration in accordance with applicable regulations is the recommended disposal method.

SECTION 14 TRANSPORTATION / SHIPPING DATA

DOT, TDG, ADR/RID, IMDG and IATA-DGR
Classification for this product is: Not Regulated.

SECTION 15 REGULATORY INFORMATION

HCS Classification:

Target organ effects.

U.S. Federal regulation:

- TSCA 8 IUR Exempt/Partial exemption: Not determined.
- United States inventory: All components are listed or exempted.
- SARA 302/304/311/312 extremely hazardous substances: No products were found.
- SARA 302/304 emergency planning and notification: No products were found.
- SARA 302/304/311/312 hazardous chemicals: Silicon.
- SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Silicon, Fire hazard, Immediate (acute) health hazard.
- Clean Water Act (CWA) 307: Copper, Zinc, Chromium.

Clean Air Act Section 112 (HAPs):

Not listed.

Clean Air Act 602 Class I & II Substances:

Not listed.

DEA List I & II Chemicals:

Not listed.

State Regulations:

Massachusetts: Aluminum, Silicon Dust are listed.
New York: None of the components are listed.
New Jersey: Aluminum, Silicon are listed.
Pennsylvania: Aluminum, Silicon are listed.

Canada Regulations:

WHMIS: Not controlled.

Canadian NPRI: Aluminum is listed.

Canada inventory: All components are listed or exempted.

SECTION 16 OTHER INFORMATION

HMIS Rating:

Health	0
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Legend

CERCLA: Comprehensive Emergency Response, Compensation and Liability Act
DOT: Department of Transportation
HMIS: Hazardous Materials Identification System
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods
OSHA: Occupational Safety and Health Administration
NTP: National Toxicology Program
SARA: Superfund Amendment Reauthorization Act
TSCA: Toxic Substance Control Act
TDG: Transportation of Dangerous Goods
WHMIS: Workplace Hazardous Materials Information System

VR FabricLok

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME	VR FABRICLOK	EMERGENCY PHONE	
COMPANY	TREMCO INC	1.800.562.2728 (8:30 - 5:00 EST) AFTER HOURS: 1.800.424.9300	
<i>Tremco Commercial Sealants & Waterproofing</i> www.tremcosealants.com		<i>Tremco Roofing & Building Maintenance</i> www.tremcoroofing.com	
United States	Canada	United States	Canada
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SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview

No need for first aid is anticipated.

Acute Potential Health Effects

Routes of Entry

Inhalation:

No health effects are expected.

Eyes:

No health effects are expected.

Ingestion:

No health effects are expected.

Skin:

No health effects are expected.

AGGRAVATED MEDICAL CONDITIONS

Not available.

CHRONIC HEALTH EFFECTS

No known effects anticipated.

Inhalation:

No need for first aid is anticipated.

Eye contact:

No need for first aid is anticipated.

Ingestion:

No need for first aid is anticipated.

Skin contact:

No need for first aid is anticipated.

SECTION 5 FIRE FIGHTING MEASURES

Flash point: Not applicable.

Method: Not applicable.

Autoignition: Not applicable.

Lower explosion limit: Not applicable.

Upper explosion limit: Not applicable.

Extinguishing media:

Use fire extinguishers with class B (e.g., carbon dioxide, dry chemical).

Hazardous combustion: Not applicable.

SECTION 3 PRODUCT COMPOSITION

Not available.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Not available.

SECTION 4 FIRST AID MEASURES

No need for first aid is anticipated.

SECTION 7 HANDLING AND STORAGE

Not applicable.

VR FabricLok

SECTION 8 EXPOSURE CONTROLS

Respiratory protection: Not required under normal conditions of use.

Hand protection: Gloves not normally required.

Eye protection: Avoid eye contact.

Skin protection: Avoid prolonged or repeated skin contact.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Form:	Solid Tape.
Color:	Clear or colored.
Odor:	Minimal odor.
PH:	Not applicable.
Vapor Pressure:	Not applicable.
Vapor Density:	Not applicable.
Melting Point:	Not applicable.
Freezing Point:	Not applicable.
Boiling Point:	Not applicable.
Water Solubility:	Nil.
Specific Gravity:	0.8-1.2 g/cm ³ .
Volatile Weight:	Not applicable.

SECTION 10 REACTIVITY / STABILITY

Substances to avoid:	None known.
Stability:	Stable.
Hazardous polymerization:	Will not Occur.

SECTION 11 TOXICOLOGICAL INFORMATION

No Data Available.

SECTION 12 ECOLOGICAL INFORMATION

No Data Available.

SECTION 13 DISPOSAL CONSIDERATIONS

Reclaim if feasible. If product can't be reclaimed, dispose of waste product in a sanitary landfill. Alternatively, incinerate the waste product in an industrial, commercial, or municipal incinerator.

SECTION 14 TRANSPORTATION / SHIPPING DATA

Not regulated per U.S. DOT, IATA or IMO.

SECTION 15 REGULATORY INFORMATION

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements.

311/312 Hazard Categories:

Fire Hazard: No products were found.

Pressure Hazard: No products were found.

Reactivity Hazard: No products were found.

Immediate Hazard: No products were found.

Delayed Hazard: No products were found.

SECTION 16 OTHER INFORMATION**HMIS Rating:**

Health	0
Flammability	1
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Legend

CERCLA: Comprehensive Emergency Response, Compensation and Liability Act
DOT - Department of Transportation
HMIS: Hazardous Materials Identification System
OSHA: Occupational Safety and Health Administration
SARA: Superfund Amendment Reauthorization Act
TSCA - Toxic Substances Control Act
WHMIS - Workplace Hazardous Materials Information System

VR Filter Fabric

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR FILTERFABRIC

COMPANY TREMCO INC

Tremco Commercial Sealants & Waterproofing

www.tremcosealants.com

United States

Canada

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SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview

No serious effects anticipated under normal conditions of use.

Acute Potential Health Effects

Routes of Entry

Inhalation:

Not applicable under normal conditions of use.

Eyes:

Not applicable under normal conditions of use.

Ingestion:

Not applicable under normal conditions of use.

Skin:

Not applicable under normal conditions of use.

AGGRAVATED MEDICAL CONDITIONS

Pre-existing skin disorders may be aggravated by exposure.

CHRONIC HEALTH EFFECTS

No known effects anticipated.

Eye contact: No known applicable information.

Ingestion: Not applicable under normal conditions of use.

Skin contact: A very small percentage of the population may be allergic to one or more of the components that make up these products.

SECTION 5 FIRE FIGHTING MEASURES

Flash point: > 650 °F (> 343 °C).

Method: Setchkin.

Autoignition: > 650 °F (> 343 °C).

Lower explosion limit: Not available.

Upper explosion limit: Not available.

Extinguishing media:

This product is not expected to burn under normal conditions of use.

Hazardous combustion: Not available.

SECTION 3 PRODUCT COMPOSITION

This is not a hazardous material as defined in the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 6 ACCIDENTAL RELEASE MEASURES

If product is not contaminated, scoop into clean containers for use. If product is contaminated, scoop into containers and dispose appropriately.

SECTION 4 FIRST AID MEASURES

No adverse health effects are expected from exposure to this product.

Inhalation: No known applicable information.

SECTION 7 HANDLING AND STORAGE

Store under normal warehouse conditions with a fire sprinkler system in a manner that they are not exposed to heat and sources of ignition.

VR Filter Fabric

SECTION 8 EXPOSURE CONTROLS

Respiratory protection: Not required under normal conditions of use.

Hand protection: Protect hands with impervious gloves.

Eye protection: Wear appropriate eye protection.

Exposure Limits: No known components with exposure limits.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Form:	Textured and soft fibers.
Color:	Various.
Odor:	Slight odor of spin finish.
PH:	6.5 ± 1.0
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Melting Point:	320 °F (160 °C)
Freezing Point:	Not available.
Boiling Point:	Not available.
Water Solubility:	Negligible, below 1%.
Specific Gravity:	0.91 g/cm ³
Volatile Weight:	< 3 % (water).

SECTION 10 REACTIVITY/STABILITY

Substances to avoid:	Not Applicable.
Stability:	Not Applicable.
Hazardous polymerization:	Not Applicable.

SECTION 11 TOXICOLOGICAL INFORMATION

The skin and eye irritation effects of the spin finish have been examined with no harmful effects. Not listed as a carcinogen by NTP. Not regulated as a carcinogen by OSHA. Not evaluated by IARC.

SECTION 12 ECOLOGICAL INFORMATION

The fibers are not associated with any ecological problems.

SECTION 13 DISPOSAL CONSIDERATIONS

Incineration in accordance with applicable regulations is the recommended disposal method. Mix waste with wood or paper waste aids to assure complete combustion.

SECTION 14 TRANSPORTATION / SHIPPING DATA

This product does not belong to dangerous goods according to transport regulations.

SECTION 15 REGULATORY INFORMATION

U.S. TSCA Status:

This product is considered to be an article by TSCA definition. All components are listed on the TSCA inventory.

- SARA 302/304 Components: This product is not an Extremely Hazardous Substance subject to reporting under 40 CFR 355.
- SARA 311/312 Hazards:
 - NHH: Not a health hazard.
 - NPH: Not a physical hazard.
- SARA 313 Components: This product does not contain any chemicals subject to reporting as a CERCLA Hazardous Substance under 40 CFR 302.4.
- OSHA Hazardous components: This is not a hazardous material as defined in the OSHA Hazard communication Standard 29 CFR 1910.1200.
- This product does not contain any chemicals subject to reporting as a CERCLA Hazardous Substance under 40 CFR 302.4.
- This product is not a hazardous waste as listed in 40 CFR 261.33. It does not exhibit any of the hazardous characteristics listed in 40 CFR 261, Subpart C.
- This product does not contain any chemicals known to cause cancer or reproductive toxicity.

SECTION 16 OTHER INFORMATION

HMIS Rating:

Health	0
Flammability	1
Reactivity	0
PPE	

0 = Minimum
 1 = Slight
 2 = Moderate
 3 = Serious
 4 = Severe

Legend

CERCLA: Comprehensive Emergency Response, Compensation and Liability Act
 HMIS: Hazardous Materials Identification System
 IARC: International Agency for Research on Cancer
 OSHA: Occupational Safety and Health Administration
 NTP: National Toxicology Program
 SARA: Superfund Amendment Reauthorization Act
 TSCA: Toxic Substance Control Act