

VR RootBloc 10

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name	VR RootBloc 10	Company	Tremco Incorporated
		UNITED STATES	3735 Green Road Beachwood, Ohio, 44122 T: 1.800.562.2728 (8:30 - 5:00 EST)
Emergency Phone	1.800.562.2728 (8:30 - 5:00 EST) After Hours: 1.800.424.9300	CANADA	50 Beth Neelson Drive Toronto, Ontario, M4H 1M6 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:
Immediately remove victim from area to fresh air. Seek medical attention.

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

There are no known medical conditions aggravated by exposure to this product.

CHRONIC HEALTH EFFECTS

No known effects anticipated.

Eye contact:
Immediately flush eyes with plenty of cool water for at least 15minutes.

Ingestion:
Not applicable under normal conditions of use.

Skin contact:
If contact by molten material, cool immediately with cool water.

SECTION 5 FIRE FIGHTING MEASURES

Flash point: Not available.

Method: Not available.

Autoignition: > 660 °F (> 348 °C).

Lower explosion limit: Not available.

Upper explosion limit: Not available.

Extinguishing media:
Use water spray, dry chemical, foam or carbon dioxide.

Hazardous combustion: Not available.

SECTION 3 PRODUCT COMPOSITION

This is not a hazardous material as defined in the OSHA, L.A.R.C. Monographs and National Toxicology Program.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Not available.

SECTION 4 FIRST AID MEASURES

Most problems will result from exposure to molten materials.

Inhalation:
Immediately remove victim from area to fresh air.

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.

MATERIAL SAFETY DATA SHEET

VR RootBloc 10

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: Reinforced plastic.
Color: Translucent yellow.
Odor: Odorless.
PH: Not available.
Vapour Pressure: Not available.
Vapor Density: Not available.
Melting Point: Not available.
Freezing Point: Not available.
Boiling Point: Not available.
Water Solubility: Insoluble.
Specific Gravity: 0.95 g/cm³
Volatile Weight: 0

SECTION 10 REACTIVITY / STABILITY

Substances to avoid: Not Applicable.
Stability: Stable.
Hazardous polymerization: Will not Occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Not available.

SECTION 12 ECOLOGICAL INFORMATION

Not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in compliance with state and local regulation.

SECTION 14 TRANSPORTATION / SHIPPING DATA

Not available.

SECTION 15 REGULATORY INFORMATION

Not available.

SECTION 16 OTHER INFORMATION

HMIS Rating:

Health	N/A
Flammability	N/A
Reactivity	N/A
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

VR RootBloc 40

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name	VR RootBloc 40	Company	Tremco Incorporated
Emergency Phone	1.800.562.2728 (8:30 - 5:00 EST) After Hours: 1.800.424.9300	UNITED STATES	3735 Green Road Beachwood, Ohio, 44122 T: 1.800.562.2728 (8:30 - 5:00 EST)
		CANADA	50 Beth Neelson Drive Toronto, Ontario, M4H 1M6 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:
Immediately remove victim from area to fresh air. Seek medical attention.

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

There are no known medical conditions aggravated by exposure to this product.

CHRONIC HEALTH EFFECTS

No known effects anticipated.

Eye contact:
Immediately flush eyes with plenty of cool water for at least 15minutes.

Ingestion:
Not applicable under normal conditions of use.

Skin contact:
If contact by molten material, cool immediately with cool water.

SECTION 5 FIRE FIGHTING MEASURES

Flash point: Not available.

Method: Not available.

Autoignition: > 660 °F (> 348 °C).

Lower explosion limit: Not available.

Upper explosion limit: Not available.

Extinguishing media:
Use water spray or carbon dioxide.

Hazardous combustion: Not available.

SECTION 3 PRODUCT COMPOSITION

This is not a hazardous material as defined in the OSHA, L.A.R.C. Monographs and National Toxicology Program.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Not available.

SECTION 4 FIRST AID MEASURES

Most problems will result from exposure to molten materials.

Inhalation:
Immediately remove victim from area to fresh air.

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.

MATERIAL SAFETY DATA SHEET

VR RootBloc 40

SECTION 8 EXPOSURE CONTROLS

Hand protection:
Wear protective gloves during thermal processing.
Eye protection:
Wear appropriate eye protection.
Other Protective Clothing:
Wear protective sleeves when processing material at elevated temperatures to minimize the possibility of thermal burns.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Form: Plastic film.
Color: Opaque.
Odor: Odorless.
PH: Not available.
Vapour Pressure: Not available.
Vapor Density: Not available.
Melting Point: Not available.
Freezing Point: Not available.
Boiling Point: Not available.
Water Solubility: Insoluble.
Specific Gravity: Not available.
Volatile Weight: 0

SECTION 10 REACTIVITY / STABILITY

Substances to avoid: Not Applicable.
Stability: Stable.
Hazardous polymerization: Will not Occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Not available.

SECTION 12 ECOLOGICAL INFORMATION

Not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in compliance with state and local regulation.

SECTION 14 TRANSPORTATION / SHIPPING DATA

Not available.

SECTION 15 REGULATORY INFORMATION

Not available.

SECTION 16 OTHER INFORMATION

HMIS Rating:

Health	N/A
Flammability	N/A
Reactivity	N/A
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

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name	VR PolyMat	Company	Tremco Incorporated
Emergency Phone	1.800.562.2728 (8:30 - 5:00 EST) After Hours: 1.800.424.9300	UNITED STATES	3735 Green Road Beachwood, Ohio, 44122 T: 1.800.562.2728 (8:30 - 5:00 EST)
		CANADA	50 Beth Neelson Drive Toronto, Ontario, M4H 1M6 T: 1.800.668.9879 (8:30 - 5:00 EST)

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview

No need for first aid is anticipated.

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

There are no known medical conditions aggravated by exposure to this product.

CHRONIC HEALTH EFFECTS

No known effects anticipated.

Eye contact:

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 available.

Method:

Not available.

Autoignition:

Not available.

Lower explosion limit:

Not available.

Upper explosion limit:

Not available.

Extinguishing media:

Not available.

Hazardous combustion:

Not available.

SECTION 3 PRODUCT COMPOSITION

Non toxic. This product is not listed by OSHA, NTP, or IARC as a carcinogen.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Not available.

SECTION 4 FIRST AID MEASURES

There are no known physical or health hazards associated with this product, as defined in the code of Federal Regulations, Title 29, and Part 1910, 1200.

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.

MATERIAL SAFETY DATA SHEET

VR PolyMat



SECTION 8 EXPOSURE CONTROLS

Respiratory protection:
Not required under normal conditions of use.
Hand protection:
Not required under normal conditions of use.
Eye protection:
Not required under normal conditions of use.
Skin protection:
Not required under normal conditions of use.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Form: Solid polyester.
Color: Green.
Odor: Not available.
PH: Not available.
Vapour Pressure: Not available.
Vapor Density: Not available.
Melting Point: Not available.
Freezing Point: Not available.
Boiling Point: Not available.
Water Solubility: Insoluble.
Specific Gravity: Not available.
Volatile Weight: Not available.

SECTION 10 REACTIVITY / STABILITY

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

SECTION 11 TOXICOLOGICAL INFORMATION

No health effects are expected.

SECTION 12 ECOLOGICAL INFORMATION

Not available.

SECTION 13 DISPOSAL CONSIDERATIONS

This product is not classified as hazardous waste under the Resource Conservation and Recovery Act and, unless prohibited by state or local regulation, can be disposed of in a municipal landfill or incinerated.

SECTION 14 TRANSPORTATION / SHIPPING DATA

These fibers are not classified by DOT as a hazardous material.

SECTION 15 REGULATORY INFORMATION

Not available.

SECTION 16 OTHER INFORMATION

HMIS Rating:

Health	N/A
Flammability	N/A
Reactivity	N/A
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 HydraPanel
VR Mod**

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name	VR HydraPanel 1.25 VR HydraPanel 2 VR Mod	Company	Tremco Incorporated
Emergency Phone	1.800.562.2728 (8:30 - 5:00 EST) After Hours: 1.800.424.9300	UNITED STATES	3735 Green Road Beachwood, Ohio, 44122 T: 1.800.562.2728 (8:30 - 5:00 EST)
		CANADA	50 Beth Neelson Drive Toronto, Ontario, M4H 1M6 T: 1.800.668.9879 (8:30 - 5:00 EST)

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview

No need for first aid is anticipated.

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

Not applicable.

CHRONIC HEALTH EFFECTS

Not applicable.

Inhalation:	Not available.
Eye contact:	Not available.
Ingestion:	Not available.
Skin contact:	Not available.

SECTION 5 FIRE FIGHTING MEASURES

Flash point:	Not available.
Method:	Not available.
Autoignition:	Not available.
Lower explosion limit:	Not available.
Upper explosion limit:	Not available.
Extinguishing media:	Not available.
Hazardous combustion:	Not available.

SECTION 3 PRODUCT COMPOSITION

Not available.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Not available.

SECTION 4 FIRST AID MEASURES

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

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.

MATERIAL SAFETY DATA SHEET

VR HydraPanel, VR Mod



SECTION 8 EXPOSURE CONTROLS

Respiratory protection: Not available.
Hand protection: Not available.
Eye protection: Not available.
Skin protection: Not available.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Form: Not available.
Color: Not available.
Odor: Not available.
PH: Not available.
Vapour Pressure: Not available.
Vapor Density: Not available.
Melting Point: Not available.
Freezing Point: Not available.
Boiling Point: Not available.
Water Solubility: Not available.
Specific Gravity: Not available.
Volatile Weight: Not available.

SECTION 10 REACTIVITY / STABILITY

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

SECTION 11 TOXICOLOGICAL INFORMATION

Not available.

SECTION 12 ECOLOGICAL INFORMATION

Not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Not available.

SECTION 14 TRANSPORTATION / SHIPPING DATA

The Transportation of Dangerous Goods Classification for this product is: Not Regulated.

SECTION 15 REGULATORY INFORMATION

OSHA Hazard Communication Standard:

These products are legally deemed as "articles" and as such are exempt from the Code of Federal Regulations, Title 29, Chapter XVII, Part 1910, Subpart Z, Section 1910.1200 of the OSHA Hazard Communication Standard. Therefore, in accordance with the provisions of this Standard, Material Safety Data Sheets are not required of non-hazardous goods deemed as "articles."

SARA 313 Information:

These products contain no chemical subject to SARA Title III, Section 313 supplier notifications requirements.

Department of Transportation (DOT):

These products are not regulated by DOT when shipped domestically by land.

Canadian WHMIS Information:

These products are not "Controlled Products" under WHMIS.

Canadian TDG Information:

For guidance, the Transportation of Dangerous Goods Classification for this product is: Not Regulated.

SECTION 16 OTHER INFORMATION

HMIS Rating:

Health	N/A
Flammability	N/A
Reactivity	N/A
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

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name	VR AeroMat	Company	Tremco Incorporated
Emergency Phone	1.800.562.2728 (8:30 - 5:00 EST) After Hours: 1.800.424.9300	UNITED STATES	3735 Green Road Beachwood, Ohio, 44122 T: 1.800.562.2728 (8:30 - 5:00 EST)
		CANADA	50 Beth Neelson Drive Toronto, Ontario, M4H 1M6 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

Not available.

CHRONIC HEALTH EFFECTS

Not available.

Eye contact:

Remove contact lenses at once. Immediately flush eyes well with copious amounts of water or normal saline for at least 20-30 minutes.

Ingestion:

Immediately seek medical advice.

Skin contact:

Wash skin with soap & water. Seek medical advice.

SECTION 5 FIRE FIGHTING MEASURES

Flash point: > 707 °F (> 375 °C).

Method: Not available.

Autoignition: > 689 °F (> 370 °C).

Lower Flammable Limit: 0.25 oz/cf (Dust).

Upper Flammable Limit: Not Established.

Extinguishing media: Water spray, foam.

Hazardous combustion:

Intense heat, dense black smoke, carbon monoxide, carbon dioxide, & hydrocarbon fragments.

SECTION 3 PRODUCT COMPOSITION

Not available.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Sweep or gather up material to minimize slipping hazard & place in proper container for disposal or recovery.

SECTION 4 FIRST AID MEASURES

Most problems will result from exposure to molten materials.

Inhalation

Not likely to be inhaled due to physical form.

SECTION 7 HANDLING AND STORAGE

Store in a dry place away from moisture, excessive heat & sources of ignition. Avoid storage near foods to prevent food contamination.

MATERIAL SAFETY DATA SHEET

VR AeroMat



SECTION 8 EXPOSURE CONTROLS

Respiratory protection:
Use approved respirator for protection from dust and foam in secondary operation.
Skin protection:
When handling Roll Goods, avoid prolonged or repeated contact with material.
Eye protection:
Wear Safety glasses with side shields or chemical goggles.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Form: Roll Good.
Color: Gray.
Odor: slight or no odor.
PH: Not Applicable.
Vapour Pressure: Negligible.
Vapor Density: Not Applicable.
Melting Point: 329 °F (165 °C).
Freezing Point: Not available.
Boiling Point: Not available.
Water Solubility: Insoluble.
Specific Gravity: 0.91 g/cm³
Volatile Weight: Volatile.

SECTION 10 REACTIVITY/STABILITY

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

SECTION 11 TOXICOLOGICAL INFORMATION

These products contains less than 0.03% carbon black. Any exposure to carbon black is expected to remain well below OSHA regulatory & ACGIH recommended limits during normal handling & use of this product. Epidemiological studies of workers in the carbon black producing industries of North America & Western Europe show no significant adverse health effect due to occupational exposure to carbon black. Carbon black has not been listed as a carcinogen by the National Toxicology Program (NTP) or the Occupational Safety & Health Administration (OSHA). The National Institute of Occupational Safety & Health (NIOSH) criteria document on carbon black recommends that only carbon blacks with PAH levels greater than 0.1% be considered suspect carcinogens.

SECTION 12 ECOLOGICAL INFORMATION

Not expected to present any significant ecological problems.

SECTION 13 DISPOSAL CONSIDERATIONS

Product is not a RCRA hazardous waste. Recycling is encouraged. Disposal in landfill or by incineration in accordance with federal, state & local requirements. Collected processing fume condensates & incinerator ash should be tested to determine waste classification. Do not dump into any sewers or on the ground.

SECTION 14 TRANSPORTATION / SHIPPING DATA

The Transportation of Dangerous Goods Classification for this product is: Not Regulated.

SECTION 15 REGULATORY INFORMATION

TSCA Status:
This product complies with the Chemical Substance Inventory requirements of the US EFA Toxic Substances Control Act (TSCA).

WHMIS Classification:
D2

SECTION 16 OTHER INFORMATION

HMIS Rating:

Health	0
Flammability	1
Reactivity	0
PPE	B

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

This material may contain commercially available pigments, dyes, or colorants. These colorants are typically added at concentrations of < 5%, but may be added in concentrations as high as 10%.

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
RCRA: Resource Conservation and Recovery Act
NTP: National Toxicology Program
SARA: Superfund Amendment Reauthorization Act
TSCA: Toxic Substance Control Act

VR Filter Fabric

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name	VR Filter Fabric	Company	Tremco Incorporated
Emergency Phone	1.800.562.2728 (8:30 - 5:00 EST) After Hours: 1.800.424.9300	UNITED STATES	3735 Green Road Beachwood, Ohio, 44122 T: 1.800.562.2728 (8:30 - 5:00 EST)
		CANADA	50 Beth Neelson Drive Toronto, Ontario, M4H 1M6 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 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.

MATERIAL SAFETY DATA SHEET

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
Vapour 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/cm³
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

**VR EdgeGuard
VR DrainGuard
VR StackGuard**

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name	VR EdgeGuard VR DrainGuard VR Stackguard	Company	Tremco Incorporated
Emergency Phone	1.800.562.2728 (8:30 - 5:00 EST) After Hours: 1.800.424.9300	UNITED STATES	3735 Green Road Beachwood, Ohio, 44122 T: 1.800.562.2728 (8:30 - 5:00 EST)
		CANADA	50 Beth Neelson Drive Toronto, Ontario, M4H 1M6 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.

MATERIAL SAFETY DATA SHEET

VR EdgeGuard, VR DrainGuard, VR StackGuard

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.
Vapour 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

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name	VR FabricLok	Company	Tremco Incorporated
		UNITED STATES	3735 Green Road Beachwood, Ohio, 44122 T: 1.800.562.2728 (8:30 - 5:00 EST)
Emergency Phone	1.800.562.2728 (8:30 - 5:00 EST) After Hours: 1.800.424.9300	CANADA	50 Beth Neelson Drive Toronto, Ontario, M4H 1M6 T: 1.800.668.9879 (8:30 - 5:00 EST)

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.

MATERIAL SAFETY DATA SHEET

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.
Vapour 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/cm³.
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

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name	VR TecTape	Company	Tremco Incorporated
		UNITED STATES	3735 Green Road Beachwood, Ohio, 44122 T: 1.800.562.2728 (8:30 - 5:00 EST)
Emergency Phone	1.800.562.2728 (8:30 - 5:00 EST) After Hours: 1.800.424.9300	CANADA	50 Beth Neelson Drive Toronto, Ontario, M4H 1M6 T: 1.800.668.9879 (8:30 - 5:00 EST)

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview

No need for first aid is anticipated.

Acute Potential Health Effects

Routes of Entry

Inhalation:

No need for first aid is anticipated.

Eyes:

No need for first aid is anticipated.

Ingestion:

No need for first aid is anticipated.

Skin:

No need for first aid is anticipated.

AGGRAVATED MEDICAL CONDITIONS

There are no known medical conditions aggravated by exposure to this product.

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 available.

MATERIAL SAFETY DATA SHEET

VR TecTape



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: Tan.
Odor: Not available.
PH: Not available.
Vapour Pressure: Not available.
Vapor Density: Not available.
Melting Point: Not available.
Freezing Point: Not available.
Boiling Point: Not available.
Water Solubility: Insoluble in Water.
Specific Gravity: Not available.
Volatile Weight: Not available.

SECTION 10 REACTIVITY / STABILITY

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

SECTION 11 TOXICOLOGICAL INFORMATION

No health effects are expected.

SECTION 12 ECOLOGICAL INFORMATION

No Data Available.

SECTION 13 DISPOSAL CONSIDERATIONS

No Data Available.

SECTION 14 TRANSPORTATION / SHIPPING DATA

TDG, U.S. DOT, IATA or IMO Classification for this product is: Not Regulated.

SECTION 15 REGULATORY INFORMATION

WHMIS Classification:

Exempt
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

This product is considered to be a manufactured article and therefore the Canadian Inventory listing is not applicable.

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

SECTION 16 OTHER INFORMATION

HMIS Rating:

Health	N/A
Flammability	N/A
Reactivity	N/A
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