VR HydraMax (Green Roofs)

Table of Contents

VR EdgeGuard SDS 1

VR FabricLok SDS 3

VR Filter Fabric SDS 5

VR HydraPanel SDS 7

VR MoistureMat SDS 9

VR RootBloc 10 SDS 11

VR RootBloc 40 SDS 13

VR TecTape SDS 15

VR TremDrain 22F SDS 17

TREMCO®

SAFETY DATA SHEET

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
T: 1.800.321.7906 (8:30 - 5:00 EST)

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

Canada
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.

SECTION 3 PRODUCT COMPOSITION

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

SECTION 4 FIRST AID MEASURES

No adverse health effects are expected from exposure to this product.
Inhalation: Seek medical attention.

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 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 7 HANDLING AND STORAGE

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

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:	oderless.
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

TREMCO®

SAFETY DATA SHEET

VR FabricLok

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR FABRICLOK

COMPANY TREMCO INC

Tremco Commercial Sealants & Waterproofing
www.tremcosealants.com
United States T: 1.800.321.7906 (8:30 - 5:00 EST)
Canada 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 T: 1.800.526.2728 (8:30 - 5:00 EST)
Canada 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.

SECTION 3 PRODUCT COMPOSITION

Not available.

SECTION 4 FIRST AID MEASURES

No need for first aid is 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 6 ACCIDENTAL RELEASE MEASURES

Not available.

SECTION 7 HANDLING AND STORAGE

Not applicable.

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

TREMCO®

SAFETY DATA SHEET

VR Filter Fabric

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR FILTERFABRIC

COMPANY TREMCO INC

Tremco Commercial Sealants & Waterproofing
www.tremcosealants.com

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

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

Canada
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.

SECTION 3 PRODUCT COMPOSITION

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

SECTION 4 FIRST AID MEASURES

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

Inhalation: No known applicable information.

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 bum under normal conditions of use.

Hazardous combustion: Not available.

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 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.

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

TREMCO®

SAFETY DATA SHEET

VR HydraPanel VR Mod

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR HYDRAPANEL VR MOD

COMPANY TREMCO INC

EMERGENCY PHONE

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

Tremco Commercial Sealants & Waterproofing
www.tremcosealants.com

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

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

Tremco Roofing & Building Maintenance
www.tremcoroofing.com

United States
T: 1.800.526.2728 (8:30 - 5:00 EST)

Canada
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.

SECTION 3 PRODUCT COMPOSITION

Not available.

SECTION 4 FIRST AID MEASURES

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

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 6 ACCIDENTAL RELEASE MEASURES

Not available.

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.

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.
Vapor 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, 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

TREMCO®

SAFETY DATA SHEET

VR MoistureMat

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR MOISTUREMAT

COMPANY TREMCO INC

Tremco Commercial Sealants & Waterproofing
www.tremcosealants.com

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

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

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

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview
Accidental thermal decomposition or melting state can present hazards.

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.

CLASSIFICATION
Not classified as a hazard product related to directive EC 67/548 or EC 1999/45.

SECTION 3 PRODUCT COMPOSITION

Needle-punched felt based on a fiber mix of polyester (PET), polyamide (PA), cotton and wool. Chemical Safety Report is not required. Contains no Hazardous Ingredients (EC) 1907/2006.

INGREDIENT	PERCENTAGE	CAS-NO.
PA	20-50	25038-59-9
PET	50-20	25038-54-4
COTTON	30-25	9004-34-6
WOOL	0-5	NA

SECTION 4 FIRST AID MEASURES

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

Not classified as flammable.

Extinguishing media:

Water fog, foam, carbon dioxide, dry chemical.

Special fire fighting protective:

A self-contained breathing apparatus and suitable protective clothing

Other information: Combustible.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Clean-up Methods: No specific cleaning methods.

SECTION 7 HANDLING AND STORAGE

No specific requirement.

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.

Hygiene measures:
Not required under normal conditions of use.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Form:	Solid.
Color:	Multicolor.
Odor:	Neutral.
PH:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Melting Point:	200-220 °C.
Autoignition:	450 °C.
Auto-flammability:	Approx. 350 °C.
Water Solubility:	Insoluble.
Specific Gravity:	Not available.
Viscosity:	Solid.

SECTION 10 REACTIVITY / STABILITY

Substances to avoid:	Molten Materials.
Stability:	Stable.
Hazardous polymerization:	Not available.

SECTION 11 TOXICOLOGICAL INFORMATION

No toxicological reactions/effects known under normal conditions.

SECTION 12 ECOLOGICAL INFORMATION

Environmental damage of this product is not known.

SECTION 13 DISPOSAL CONSIDERATIONS

Non hazardous solid waste in compliance with state and local regulation can be disposed towards:
-Landfill
-Recycling
-Incineration

SECTION 14 TRANSPORTATION / SHIPPING DATA

Not special request. Not classified in ADR - RID - ADN - ADNR - IMDG - ICAO/IATA

SECTION 15 REGULATORY INFORMATION

Chemical Safety Report: Not required.

Labelling according to EC directives: Not required.

Hazard Information: Not applicable.

Safety information (Precaution): Not applicable.

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

TREMCO®

SAFETY DATA SHEET

VR RootBloc 10

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR ROOTBLOC 10

COMPANY TREMCO INC

Tremco Commercial Sealants & Waterproofing
www.tremcosealants.com

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

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

Canada
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.

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 4 FIRST AID MEASURES

Most problems will result from exposure to molten materials.

Inhalation: Immediately remove victim from area to fresh air.

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 6 ACCIDENTAL RELEASE MEASURES

Not available.

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.

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.
Vapor 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/cm^3
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

TREMCO®

SAFETY DATA SHEET

VR RootBloc 40

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR ROOTBLOC 40

COMPANY TREMCO INC

Tremco Commercial Sealants & Waterproofing
www.tremcosealants.com

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

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

Canada
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.

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 4 FIRST AID MEASURES

Most problems will result from exposure to molten materials.

Inhalation: Immediately remove victim from area to fresh air.

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 6 ACCIDENTAL RELEASE MEASURES

Not available.

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.

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.
Vapor 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

TREMCO®

SAFETY DATA SHEET

VR TecTape

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR TECTAPE

COMPANY TREMCO INC

Tremco Commercial Sealants & Waterproofing
www.tremcosealants.com

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

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

Canada
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.

SECTION 3 PRODUCT COMPOSITION

Not available.

SECTION 4 FIRST AID MEASURES

No need for first aid is 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 6 ACCIDENTAL RELEASE MEASURES

Not available.

SECTION 7 HANDLING AND STORAGE

Not available.

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.
Vapor 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

TREMCO®

SAFETY DATA SHEET

VR TremDrain 22F

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME VR TREMDRAIN 22F

COMPANY TREMCO INC

Tremco Commercial Sealants & Waterproofing
www.tremcosealants.com
United States T: 1.800.321.7906 (8:30 - 5:00 EST)
Canada 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 T: 1.800.526.2728 (8:30 - 5:00 EST)
Canada 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.

SECTION 3 PRODUCT COMPOSITION

NAME (CAS#)	OSAWA PEL or TWA	ACGIJ TLV	WEIGHT %
Polypropylene Resin (9003-07-0)	Not Applicable	Not Applicable	94 - 99%
Polyethylene Resin (9002-88-4)	Not Applicable	Not Applicable	94 - 99%
Carbon Black (1333-86-4)	3.5 mg/cm TWA	3.5 mg/cm TWA	0 - 5%
Fatty Glycol & Additives (Non-hazardous)	Not Applicable	Not Applicable	< 1%

SECTION 4 FIRST AID MEASURES

Eye contact:
Dust may cause irritation. Flush with water.
Skin contact:
Treat as thermal burn if contact with molten. Wash with soap & water.
Inhalation: Not likely in current form.
Ingestion: Not likely in current form.

SECTION 5 FIRE FIGHTING MEASURES

Flash point: Fabric: >600 °F, Core: >400 °F

Extinguishing media: Dry chemical, CO_2, Foam, Water, Halon.

Special Fire Fighting:
- Avoid inhalation of vapors.
- Use self-contained breathing apparatus in confined areas.
- Use water fog or spray to cool exposed equipment & containers.

Unusual Fire & Explosion Hazards:
- Treat as a solid that can burn. Generally burns slowly with low smoke density and flaming drips.
- Burns with high smoke density under certain conditions.

SECTION 6 ACCIDENTAL RELEASE MEASURES

No environmental threat is expected from release.

SECTION 7 HANDLING AND STORAGE

Handling: Large rolls may require lifting devices.

Waste Disposal: Ensure conformity with all applicable disposal regulation. This product does not meet the definition of hazardous waste materials.

Storage: In cool, sheltered location and be kept in its original packaging. Ensure protection against UV and weather. Care should be used during the off-loading to ensure that the machinery used does not penetrate packaging.

SECTION 8 EXPOSURE CONTROLS

Use NIOSH respirators when hot/molten product.
Protective Gloves: Required when handling molten product.
Practice general hygiene by washing hands and clothes after handling.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Form:	Solid.
Color:	Black.
Odor:	Odorless.
PH:	Not available.
Vapor Pressure:	Not Applicable.
Vapor Density:	Not Applicable.
Melting Point:	120-170 °C
Freezing Point:	Not available.
Boiling Point:	Not Applicable.
Water Solubility:	Insoluble in Water.
Specific Gravity:	0.9 - 0.95
Volatile Weight:	Not available.

SECTION 10 REACTIVITY / STABILITY

Substances to avoid: Do not store near heat, flame or strong oxidants.
Stability: Stable.
Hazardous polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

No health effects are expected under normal usage.

SECTION 12 ECOLOGICAL INFORMATION

Not expected to be hazardous to the environment in present form.

SECTION 13 DISPOSAL CONSIDERATIONS

Spent material should be recycled or disposed according to current regulations. Does not contain RCRA regulated materials.

SECTION 14 TRANSPORTATION / SHIPPING DATA

DOT Classification: Not Regulated.

Proper shipping name: Wrapped rolls of fabric made from synthetic fibers.
NMFC 49265 Sub 9, Class 70

SECTION 15 REGULATORY INFORMATION

USA TSCA:
This product is considered an article and is exempt from TSCA requirements.
Canada Domestic Substances List (DSL):
This product is not specified on the DSL or NDSL.

SARA TITLE III

CERCLA/SARA (302) Extremely Hazardous Substances: None Listed.

SARA (311,312) Hazard Class: None Listed.

SARA (313) Chemicals: None Listed.

California Proposition 65: Carbone Black (airborn, unbound particles of respirable size), CAS # 1333-86-4 is listed as a possible carcinogen.

CANADA REGULATIONS (WHMIS): Not Listed.

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