

# ArmorWall VP Board

## SECTION 1.0 - IDENTIFICATION

### 1.1 - Product Identifier

Product Form Composite Board  
 Product Identifier ArmorWall VP Board  
 ArmorWall VP Return

### 1.2- Product Use

One-component vapor-permeable fluid applied air/water-resistive barrier coating (Red in color) used in wall construction)

### 1.3 - Product Supplier

Manufacturing and Distribution Max-Life LLC dba MaxLife Industries  
 Address 4995 South Main Street Salisbury, North Carolina 28147  
 Website www.maxlifeindustries.com  
 Customer Support Email cs@maxlifeindustries.com  
 Telephone Number 1-844-MAX4YOU  
 (1-844-629-4968)

### 1.4 - Emergency Contact

Emergency Telephone Contact your local emergency services.

## SECTION 2.0 - HAZARDS IDENTIFICATION

### 2.1 - Mixture Classification

Carc. Not classified as carcinogen. No known toxicity effects.

### 2.2 - Label Elements

Eyes Dust and chip form - irritation hazard.  
 Inhalation Dust and chip form - No hazard.  
 Skin Fiberglass mesh may cause itching/irritation when cut.  
 Ingestion No Known hazard.  
 Carc. Not classified as carcinogen. No known toxicity effects.  
 Emergency Overview Prolonged exposure to dust whilst cutting may be irritating to eyes, nose, and throat. Score and snap generates less dust.

### 2.3 - Other Hazards

No data available.

### 2.4 - Unknown Acute Toxicity (GHS-US)

No data available.

## Vapor-Permeable Coating Component

### 2.1 - Mixture Classification

Classification (GHS-US)

Skin Sens.	1	Skin Sensitization
Carc.	2	Carinogenicity
Muta.	1B (fertility)	Reproductive toxicity
Rerp.	1B (unborn child)	Reproductive Toxicity
STOT RE.	1 (by inhalation)	Specific Target Organ Toxicity - Repeated Exposure
Aquatic Acute	3	Hazardous to the Aquatic Environment - Acute
Aquatic Chronic	3	Hazardous to the Aquatic Environment - Chronic

### 2.2 - Label Elements

#### GHS-US Labeling

Hazard Pictograms (GHS-US)



GHS07

GHS08

Signal word (GHS-US)

Danger

Hazard Statements (GHS-US)

H317 - May cause an allergic skin reaction.  
 H351 - Suspected of causing cancer.  
 H340 - May cause genetic defects.  
 H360 - May damage fertility. May damage the unborn child.  
 H372 - Causes damage to organs (lung) through prolonged or repeated exposure (Inhalation).  
 H402 - Harmful to aquatic life.  
 H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (GHS-US)

P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood  
 P270 - Do not eat, drink, or smoke when using this product.  
 P273 - Avoid release to the environment.  
 P280 - Wear nitrile gloves and safety glasses.

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## SECTION 2.0 - HAZARDS IDENTIFICATION

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### Vapor-Permeable Coating Component

#### 2.2 - Label Elements

Precautionary statements (GHS-US) P313+P333 - If skin irritation or rash occurs; Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P405 - Store locked up.  
P501 - Dispose of contain in accordance with local, regional, or national regulations.  
P260 - Do not breathe dust, gas, mist, vapors.  
P264 - Wash hands thoroughly after handling.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P314 - Get medical advice/attention if you feel unwell.  
P308+P311 - If exposed or concerned: Call a poison center and/or call a doctor.  
P303 - If on skin (or hair): Wash with plenty of water.  
P333 - If skin irritation or rash occurs: call a poison center.  
P352 - Wash with plenty of water if on skin.

#### 2.3 - Other hazards

No additional information available.

#### 2.4 - Unknown acute toxicity (GHS-US)

No data available.

## SECTION 3.0 - COMPOSITION/INFORMATION ON INGREDIENTS

### Magnesium Oxide Sheathing Component

#### 3.1 Substance

Not applicable.

#### 3.2 Mixture

Chemical Name	%
Magnesium Oxide (MgO)	42-61.5
Magnesium Chloride (MgCl <sub>2</sub> )	35-56
Perlite	1-6
Recycled Filtered Wood Shavings	2-7
Phosphate (PO <sub>4</sub> )	1-3
Fiberglass Mesh	1-3

### Vapor-Permeable Coating Component

#### 3.1 - Substance

Not applicable.

#### 3.2 - Mixture

Name	Product Identifier	%
Crystalline Silica	(CAS No.) 14808-60-7	>=25-50
Limestone	(CAS No.) 1317-65-3	>=10-20
Kieselguhr, Soda Ashe Flux-Calcined	(CAS No.) 68855-54-9	>=1-3
Titanium Dioxide	(CAS No.) 13463-67-7	>=1-3
Ethanol, 2-(Hydroxymethylamino)	(CAS No.) 34375-28-5	>=0.1-0.2
Diuron	(CAS No.) 330-54-1	>=0-0.1
1, 2-Benzisothiazol-3(2H)-One	(CAS No.) 2634-33-5	>=0-0.1
Carbamic Acid, Butyl-, 3-Iodo-2-Propynyl Ester	(CAS No.) 55406-53-6	>=0-0.1

## SECTION 4.0 - FIRST-AID MEASURES

### Magnesium Oxide Sheathing Component

#### 4.1 Description of first-aid measures

First-aid measures after inhalation Move to fresh air environment. Contact physician if irritation persists.  
First-aid measures after skin contact Wash with soap and water.  
First-aid measures after eye contact Check for and remove any contact lenses. Immediately flush eyes with clean water. Contact physician if irritation persists.  
First-aid measures after ingestion Rinse mouth and seek medical attention if symptoms occur.

#### 4.2 Most important symptoms and effects, both acute and delayed

Medical Conditions Generally Aggravated by

Exposure Asthma: Inhalations of dust.

#### 4.3 Indication of any immediate medical attention and special treatment required

No additional information available.

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## SECTION 4.0 - FIRST-AID MEASURES

Section continued from page 2

### Vapor-Permeable Coating Component

#### 4.1 - Description of first-aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs; Get medical advice/attention. Specific treatment (see...no this label). Wash contaminated clothing before reuse. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, or redness persist.
First-aid measures after eye contact	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
First-aid measures after ingestion	

#### 4.2 - Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation May cause an allergic skin reaction. May cause cancer by inhalation.

#### 4.3 - Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5.0 - FIRE-FIGHTING MEASURES

### Magnesium Oxide Sheathing Component

#### 5.1 - Extinguishing Media

Extinguishable Media Product does not ignite. Use fire extinguishing media appropriate for surrounding materials.

#### 5.2 - Special Hazards Arising from the Substance or Mixture

Special Fire Fighting Procedures Local surfaces may be cooled with water, but product will not be hot to the touch even after intense heat exposure.

#### 5.3 - Advice for firefighters

Panel is non-flammable and non-combustible

### Vapor-Permeable Coating Component

#### 5.1 - Extinguishing media

Suitable extinguishing media Foam. Dry Powder. Carbon Dioxide. Water Spray. Sand

Unsuitable extinguishing media Do not use a heavy water system.

#### 5.2 - Special hazards arising from the substance or mixture

No additional information available

#### 5.3 - Advice for firefighters

Firefighting instructions Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6.0 - ACCIDENTAL RELEASE MEASURES

### Magnesium Oxide Sheathing Component

#### 6.1.1 - For Non-emergency Personnel

See Section 8 of the SDS for Personal Protective Equipment.

#### 6.1.2 - For Emergency Responders

See Section 8 of the SDS for Personal Protective Equipment.

#### 6.2 - Environmental Precautions

No specific clean-up procedure noted.

#### 6.3 - Methods and material for containment and cleaning up

Dust and chips may be swept, scooped, and/or vacuumed for removal.

#### 6.4 - Reference to Other Sections

No additional references.

### Vapor-Permeable Coating Component

#### 6.1.1 - For non-emergency personnel

Emergency procedures Evacuate unnecessary personnel.

#### 6.1.2 - For emergency responders

Protective equipment Equip cleanup crew with proper protection.

Emergency procedures Ventilate area.

#### 6.2 - Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewer or public waters.

#### 6.3 - Methods and material for containment and cleaning up

Methods for cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4 - Reference to other sections

See Heading 8. Exposure controls and personal protection

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## SECTION 7.0 - HANDLING AND STORAGE

### Magnesium Oxide Sheathing Component

#### 7.1 - Precautions and Safe Handling

Use work methods that minimize the creation of dust. Try to avoid the inhalation of dust wherever possible. Wear appropriate personal protective equipment. Wash hands after use. Observe good industrial hygiene practices. Ensure that forklift or similar equipment is rated as capable of lifting and moving loads. Forks should extend completely under the entire load. Forks should be extended as wide as practical.

Boards are heavy, awkward loads and pose the risk of severe back injury. Always use proper lifting techniques.

#### 7.2 - Conditions of Safe Storage, Including any Incompatibilities

Board should be stored in a cool dry environment and should remain in the manufacturer's packaging bearing the brand name and manufacturer's logo and Listing Number until ready for use.

Board should be stored on the manufacturer's pallets off the ground and away from standing water. Cover with a waterproof material when stored outdoors or on site to protect against weather, direct sunlight, surface contamination and construction traffic.

#### 7.3 - Specific end use(s)

No additional information available.

### Vapor-Permeable Coating Component

#### 7.1 - Precautions for safe handling

Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust/fume/gas/mist/vapors/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Hygiene measures

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

#### 7.2 - Conditions for safe storage, including any incompatibilities

Storage conditions

Keep only in the original container in a cool, well ventilated place away from: Keep container closed when not in use.

Incompatible products

Strong bases. Strong acids.

Incompatible materials

Sources of ignition.

#### 7.3 - Specific end use(s)

No Additional information available.

## SECTION 8.0 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Magnesium Oxide Sheathing Component

#### 8.1 - Exposure Limits

Occupational Exposure Limits US OSHA Table Z-1 Limits for Air Contaminants

Components	CAS #	OSHA PEL Value	Form
Magnesium Oxide	1309-48-4	15 mg/m <sup>3</sup>	Nuisance particulate
Perlite	130885-09-5	5 mg/m <sup>3</sup>	Nuisance dust
Fiberglass Mesh	65997-17-3	15 mg/m <sup>3</sup>	Total dust
		5 mg/m <sup>3</sup>	Respirable fraction

US ACGIH Threshold Limit Values

Components	CAS #	ACGIH-TLV Value	Form
Magnesium Oxide	1309-48-4	10 mg/m <sup>3</sup>	Nuisance particulate
Perlite	130885-09-5	10 mg/m <sup>3</sup>	Total nuisance dust
Fiberglass Mesh	65997-17-3	5 mg/m <sup>3</sup>	Inhalable
		1 f/cc	Respirable fibers

#### 8.2 - Control Parameters

Ventilation General under standard conditions. Local exhaust/extraction is recommended in high dust environments

#### 8.3 - Exposure Controls

Skin Protection Protective gloves and/or clothing.

Industrial Hygiene Practices It is a good industrial hygiene practice to minimize direct skin contact for extended periods of time wherever possible.

Eye Protection Safety glasses or goggles.

Respiratory Protection Approved dust mask or respirator

Other Protective Clothing or Equipment None.

Work/Hygiene Practices General clean-up after exposure. Score and snap generates less dust than sawing, thus minimizing nuisance dust.

### Vapor-Permeable Coating Component

#### 8.1 - Exposure Limits

No Additional Information.

#### 8.2 - Control parameters

##### Quartz (14808-60-7)

USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.025 R
USA OSHA	Remark (US OSHA)	(3) See Table Z-3.

##### Titanium Dioxide (13463-67-7)

USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
USA ACGIH	Remark (ACGIH)	LRT irr; A3
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>

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## SECTION 8.0 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Vapor-Permeable Coating Component

Diuron (330-54-1)

USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA ACGIH	Remark (ACGIH)	URT irr

### 8.3 - Exposure controls

Personal protective equipment	Avoid all unnecessary exposure.
Hand protection	Wear nitrile gloves
Eye protection	Chemical goggles or safety glasses.
Respiratory protection	Wear appropriate mask.
Other Information	Do not eat, drink, or smoke during use.

## SECTION 9.0 - PHYSICAL AND CHEMICAL PROPERTIES

### Magnesium Oxide Sheathing Component

#### 9.1 - Information and basic physical and chemical properties

Appearance	Solid sheet material
Physical State	Solid
Form	Board/Panel
Color	White/Off-white
Odor	None
Odor Threshold	Non applicable
pH	Non-Soluble
Melting Point/Freezing Point	Not applicable
Initial Boiling Point and Boiling Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limits	Not applicable
Flammability Limit - Lower (%)	Not applicable
Flammability Limit - Upper (%)	Not applicable
Explosive Limit - Lower (%)	Not applicable
Explosive Limit - Upper (%)	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Density	50-60 lb/ft
Solubility (Water)	Non-soluble
Partition Coefficient (n-octanol/water)	Not applicable
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	Unknown
Viscosity	Not applicable
Bulk Density	55-60 lb/ft
Particle Size	Varies.
VOC (Weight %)	0%

#### 9.2 - Other information

None.

### Vapor-Permeable Coating Component

#### 9.1 - Information and basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Color	Pink
Odor	No data available on odor
Odor Threshold	No data available
pH	-8-9.5
Relative evaporation rate (butyl acetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	No data available

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# ArmorWall VP Board

Safety Data Sheet (SDS)

## SECTION 9.0 - PHYSICAL AND CHEMICAL PROPERTIES

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### Vapor-Permeable Coating Component

#### 9.1 - Information and basic physical and chemical properties

Vapor pressure	No data available
Relative vapor density at 20 °C	No data available
Specific gravity	No data available
Density	-1.47-1.54 g/cm <sup>3</sup>
Solubility	water: miscible
Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Explosive limits	No data available

#### 9.2 - Other information

VOC content	17.0 g/L
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## SECTION 10.0 - STABILITY AND REACTIVITY

### Magnesium Oxide Sheathing Component

#### 10.1 - Reactivity

No information available.

#### 10.2 - Chemical Stability

Material is stable under normal conditions.

#### 10.3 - Possibility of hazardous reactions

Hazardous polymerization does not occur.

#### 10.4 - Conditions to Avoid

No known conditions.

#### 10.5 - Incompatible Materials

No known substances

#### 10.6 - Hazardous Decomposition Products

No known conditions.

### Vapor-Permeable Coating Component

#### 10.1 - Reactivity

No additional information available

#### 10.2 - Chemical stability

Not established

#### 10.3 - Possibility of hazardous reactions

Not established

#### 10.4 - Conditions to avoid

Extremely high or low temperatures

#### 10.5 - Incompatible materials

Strong acids. Strong bases.

#### 10.6 - Hazardous decomposition products

Fume. Carbon Monoxide. Carbon Dioxide.

## SECTION 11.0 - TOXICOLOGICAL INFORMATION

### Magnesium Oxide Sheathing Component

#### 11.1 - Information on Toxicological Effects

Acute Toxicity Non-Hazardous.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Under normal conditions of intended use, this material does not pose a risk to health.

Information on Likely Routes of Exposure

Ingestion	Not likely due to form of product.
Inhalation	Mechanical sawing may generate dust. Dust has an irritant action on mucous membranes of the upper respiratory tract and eyes.
Skin Contact	Under normal conditions of intended use, this material does not pose a skin hazard.
Eye Contact	Mechanical sawing may generate dust. Direct contact with eyes may cause temporary irritation. Under normal conditions of intended use, this material does not pose a risk to health.

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## SECTION 11.0 - TOXICOLOGICAL INFORMATION

Section continued from page 6

### Vapor-Permeable Coating Component

#### 11.1 - Information on toxicological effects

Acute toxicity	Not classified.
<u>Titanium Dioxide (12463-67-7)</u>	
LD50 oral rat	> 10000 mg/kg (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value; > 5000 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	> 6.8 mg/l/4h (Rat; Experimental value)
<u>1, 2-Benzisothiazol-3(2H)-One (2634-33-5)</u>	
LD50 oral rat	1020 mg/kg (Rat; Literature study)
ATE US (oral)	1020.00000000 mg/kg body weight
<u>3-Iodo-2-Propynyl Butylcarbamate (55406-53-6)</u>	
LD50 oral rat	300-500, Rat: OECD 423: Acute Oral Toxicity - Acute Toxic Class Method; Experimental value
LD50 dermal rat	> 2000 mg/kg (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LC50 inhalation rat (mg/l)	0.67 mg/l/4h (Rat; Experimental value)
ATE US (oral)	500.00000000 mg/kg body weight
ATE US (gases)	700.00000000 ppmV/4h
ATE US (vapors)	0.67000000 mg/l/4h
ATE US (dust, mist)	0.67000000 mg/l/4h
Skin corrosion/irritation	Not classified. pH: -8-9.5
Serious eye damage/irritation	Not classified. pH: -8-9.5
Respiratory or skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified
Carcinogenicity	May cause cancer.
<u>Quartz (14808-60-7)</u>	
IARC group	1 - Carcinogenic to humans
<u>Titanium Dioxide (13463-67-7)</u>	
IARC group	2B - Possibly carcinogenic to humans
Reproductive Toxicity	Not classified.
Specific target organ toxicity (single exposure)	Not classified.
Specific target organ toxicity (repeated exposure)	Not classified.
Aspiration hazard	Not classified.
Potential adverse humans health effects and symptoms	Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	May cause an allergic skin reaction. May cause cancer by inhalation.

## SECTION 12.0 - ECOLOGICAL INFORMATION

### Magnesium Oxide Sheathing Component

#### 12.1 - Toxicity

Components are not classified as environmentally hazardous.

#### 12.2 - Persistence and Degradability

Not Applicable.

#### 12.3 - Bioaccumulative Potential

Not Applicable.

#### 12.4 - Mobility in Soil

Not Applicable.

#### 12.5- Other Adverse Effects

No known effects.

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# ArmorWall VP Board

## SECTION 12.0 - ECOLOGICAL INFORMATION

Section continued from page 7

### Vapor-Permeable Coating Component

#### 12.1 - Toxicity

##### Titanium Dioxide (13463-67-7)

LC50 fish 1	> 1000 mg/l (96 h; Pimephales promelas)
EC50 Daphnia 1	< 1000 mg/l (432 h; Daphnia magna; Static system)
LC50 fish 2	> 1 g/l (96 h; Leuciscus idus)
EC50 Daphnia 2	< 500 mg/l (720 h; Daphnia magna; Static system)
Threshold limit algae 1	61 mg/l (72 h; Pseudokirchneriella subcapitata)

##### 3-Iodo-2-Propynyl Butylcarbamate (55406-53-6)

LC50 fish 2	0.2 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flow-through system)
EC50 Daphnia 2	0.16 mg/l (EC50; EPA OPP 72-2; 48 h; Daphnia magna; Flow-through system)
Threshold limit algae 1	0.022 mg/l (Ebc50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static System)

#### 12.2 - Persistence and degradability

##### ArmorSeal VP

Persistence and degradability Not established.

##### Quartz (14808-60-7)

Persistence and degradability	Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD)	Not applicable.
Chemical oxygen demand (COD)	Not applicable.
ThOD	Not applicable.
BOD (% of ThOD)	Not applicable.

##### Titanium Dioxide (13463-67-7)

Persistence and degradability	Biodegradability: not applicable. Low potential for mobility in soil. Not established.
Biochemical oxygen demand (BOD)	Not applicable.
Chemical oxygen demand (COD)	Not applicable.
ThOD	Not applicable.
BOD (% of ThOD)	Not applicable.

##### 1, 2-Benzisothiazol-3(2H)-One (2634-33-5)

Persistence and degradability Biodegradable in water. No (test) data on mobility of the substance available. Not established.

##### 3-Iodo-2-Propynyl Butylcarbamate (55406-53-6)

Persistence and degradability	Not readily biodegradable in water. Inherently biodegradable. Low potential for adsorption in soil. Not establish.
Chemical oxygen demand (COD)	1.15 g O <sub>2</sub> /g substance

#### 12.3 - Bioaccumulative potential

##### ArmorSeal VP

Bioaccumulative potential Not established.

##### Quartz (14808-60-7)

Log Pow	Not applicable.
Bioaccumulative potential	No Bioaccumulation data available. Not established.

##### Titanium Dioxide (13463-67-7)

Bioaccumulative potential Not bioaccumulative. Not established.

##### 1, 2-Benzisothiazol-3(2H)-One (2634-33-5)

Log Pow	1.3 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

##### 3-Iodo-2-Propynyl Butylcarbamate (55406-53-6)

BCF fish 1	3.3-4.5 (BCF)
Log Pow	2.81 (Literature; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 25°C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500). Not established.

#### 12.4 - Mobility in soil

##### 3-Iodo-2-Propynyl Butylcarbamate (55406-53-6)

Surface tension	0.0691 N/m (158 mg/l)
Log Koc	Koc, PCKOCWIN v1.66; 198.1; Calculated value.

#### 12.5 - Other adverse effects

Effect on ozone layer	No additional information available.
Effect on the global warming	No known ecological damage caused by this product.
Other information	Avoid release to the environment.



# ArmorWall VP Board

## SECTION 13.0 - DISPOSAL CONSIDERATIONS

### Magnesium Oxide Sheathing Component

#### 13.1 - Waste Treatment Methods

Disposal Instructions	Dispose of in accordance with applicable federal, state, and local regulations. Recycle responsibly.
Local Disposal Regulations	Dispose of in accordance with local regulations. Recycle responsibly.
Hazardous Waste Code	Not applicable.
Waste from Residues/Unused Products	Dispose of in accordance with local regulations. Recycle responsibly.
Contaminated Packing	Dispose of in accordance with local regulations. Recycle responsibly.

### Vapor-Permeable Coating Component

#### 13.1 - Waste treatment methods

Waste disposal recommendations	Dispose in a safe manner in accordance with local/national regulations. Dispose of container in accordance with local, regional, or national regulations.
Ecology - waste materials	Avoid release to the environment

## SECTION 14.0 - TRANSPORT INFORMATION

### Magnesium Oxide Sheathing Component

DOT	Not regulated as dangerous goods. Non-hazardous.
IATA	Not regulated as dangerous goods. Non-hazardous.
IMDG	Not regulated as dangerous goods. Non-hazardous.
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	Not applicable. Product is solid, therefore bulk transport is governed by IMSBC Code.

### Vapor-Permeable Coating Component

In accordance with DOT	
Not regulated for transport	
Additional information	
Other information	No supplementary information available
ADR	
Transport document description	
Transport by sea	
No additional information available	
Air transport	
No additional information available	

## SECTION 15.0 - REGULATORY INFORMATION

### Magnesium Oxide Sheathing Component

DOT	Not regulated as dangerous goods. Non-hazardous.
IATA	Not regulated as dangerous goods. Non-hazardous.
IMDG	Not regulated as dangerous goods. Non-hazardous.
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	Not applicable. Product is solid, therefore bulk transport is governed by IMSBC Code.

### Vapor-Permeable Coating Component

#### 15.1 - US Federal regulations

Registration status	
Chemical TSCA, US released / listed	
EPCRA 311/312 (Hazard categories)	
Refer to SDS section 2 for GHS hazard classes applicable for this product.	

#### 15.2 - International regulations

CANADA	No additional information available
EU-Regulations	No additional information available
Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Classification according to Directive 67/548/EEC or 1999/45/EC	
Not classified	

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## SECTION 15.0 - REGULATORY INFORMATION

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### Vapor-Permeable Coating Component

15.3 - US State regulations

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:



WARNING: This product can expose you to 4-Vinylcyclohexane which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

State RTK	CAS Number	Chemical Name
NJ	1317-65-3	Limestone
	13463-67-7	Titanium Dioxide
	14808-60-7	Quartz
	64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic
PA	1317-65-3	Limestone
	13463-67-7	Titanium Dioxide
	68855-54-9	Kieselguhr, soda ash flux-calcined
	14808-60-7	Quartz

## SECTION 16.0 - OTHER INFORMATION

This material is categorized as non-hazardous for transportation purposes. The information contained herein is accurate to the best of all available knowledge at the time of printing. Hazardous conditions due to alterations of the material have not been established. The information contained in the Safety Data Sheet is furnished in good faith and without warranty, representations, or inducement of license of any kind, except that it is accurate to the best of Max-Life LLC's knowledge, or was obtained from sources believed by Max-Life LLC to be reliable. The accuracy, adequacy or completeness of health and safety precautions set forth herein cannot be guaranteed, and the buyer is solely responsible for ensuring that the product is used, handled, stored and disposed of safely and in compliance with applicable local laws and regulations. Max-Life LLC disclaims any liability for loss, damage or personal injury that arises from, or is in any way related to the use of the information contained in this Safety Data Sheet

This SDS contains all the information required by ANSI Z400.1 standard (United States), by regulation 29 CFR Part 1910-1200 of the Hazard Communication Standard of OSHA and is in accordance with DORS/88-66 of WHMIS (Canada).

The best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. 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 these are the only hazards that exist.



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