



Section 1 - Product and Company Identification

Material Name • AP-601 Liquid Applied Waterproofing Membrane

Chemical Category • Mixture

Product Code • AP-6015

Product Description • Foundation Waterproofing Sealant.

Manufacturer • Gardner-Gibson
4161 E. 7th Avenue
Tampa, FL 33605
United States

Telephone

Technical • 813-248-2101 - Customer Service: 8 AM - 5 PM M-F Eastern Standard Time

Emergency • 800-424-9300 - CHEMTREC

Emergency • 703-527-3887 - CHEMTREC (Outside US)

Last Revision Date • 5/10/2016

Section 2 - Hazards Identification

GHS Hazards and Precautions

SIGNAL WORD: WARNING!

May be harmful if swallowed. May cause respiratory irritation if mist or vapor inhaled. Causes eye irritation. Causes mild skin irritation. Dust from dry sanded material may be harmful if inhaled.

Prevention Do not breathe dust (sanding dry product), fume, mist, vapors and/or spray. Do not handle until all safety precautions have been read and understood. Use with adequate ventilation. Protect building inlet ventilation.

Response IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.



Physical Form • Liquid

Color • Green

Odor • No Odor

Flash Point • Not relevant

OSHA(HCS2012) • Specific Target Organ Toxicity Repeated Exposure - Category 2, Skin Corrosion/Irritation - Category 2, Serious Eye Damage, Eye Irritation - Category 2A, Carcinogenicity - Category 1A

WHMIS • Other Toxic Effects - D2A

GHS • Specific Target Organ Toxicity Repeated Exposure - Category 2, Skin Corrosion/Irritation -

Potential Health Effects

Inhalation

Acute (Immediate) • May cause irritation.

Chronic (Delayed) • No data available

Skin

Acute (Immediate) • May cause irritation.

Chronic (Delayed) • Repeated and prolonged exposure may cause dermatitis.

Eye

Acute (Immediate) • May cause burning and redness or swelling of the eyes. May cause irritation.

Chronic (Delayed) • Repeated and prolonged exposure may cause irritation.

Ingestion

Acute (Immediate) • May be harmful or cause gastrointestinal disturbances.

Chronic (Delayed) • No data available

Carcinogenic Effects • See Section 11 - Toxicological Information.

Carcinogenic Effects			
	CAS	IARC	NTP
Titanium Dioxide	13463-67-7	Group 2B-Possible Carcinogen	Evidence of Carcinogenicity

Other Information • This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding. During spraying or sanding the product, wear suitable respiratory equipment to protect against inhalation of mist and dust. In liquid product form, the inhalation mode is not expected.

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Latex Polymer Solution	CAS: Mixture	65% TO 70%			
Titanium Dioxide	CAS:13463-67-7 EINECS:236-675-5	3% TO 7%		WHMIS: Other Toxic Effects - D2A UN GHS: Carc. 2; STOT RE 1	
Hydroxyethylcellulose	CAS:9004-62-0	2% TO 5%		WHMIS: Other Toxic Effects - D2B UN GHS: Eye Irrit. 2A; Skin Irrit. 2	

Non-Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Water	CAS:7732-18-5 EINECS:231-791-2	20% TO 25%	Ingestion/Oral-Rat LD50 • >90 mL/kg	WHMIS: UN GHS:	

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

Inhalation • Remove to fresh air. Call a physician or poison control center. If not breathing, give artificial respiration.

Skin • Wash the contaminated area of body with soap and fresh water. If irritation develops, seek medical attention.

- Eye**
 - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. If eye irritation persists: Get medical advice/attention.
- Ingestion**
 - Immediately rinse mouth with plenty of water. Call a physician or poison control center immediately. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

See Section 2 for Potential Health Effects.

Section 5 - Fire Fighting Measures

- Extinguishing Media**
 - SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
- Unsuitable Extinguishing Media**
 - No data available
- Firefighting Procedures**
 - Keep unauthorized personnel away. Stay upwind. Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
- Unusual Fire and Explosion Hazards**
 - Some of these materials may burn, but none ignite readily. May release irritating or toxic gases, fumes, or vapors.
- Hazardous Combustion Products**
 - Carbon monoxide, carbon dioxide, Sulfur or Nitrogen Oxides
- Protection of Firefighters**
 - Wear positive pressure self-contained breathing apparatus (SCBA).
- Flash Point**
 - Not relevant – Not Flammable
- Explosion Limits:**
- Upper**
 - No data available
- Lower**
 - No data available
- Autoignition Temperature**
 - No data available

Section 6 - Accidental Release Measures

- Personal Precautions**
 - Wear appropriate protective clothing. Ventilate enclosed areas. Avoid contact with skin and eyes.
- Emergency Procedures**
 - Stop leak if you can do it without risk. Isolate the area and contain the spilled material.
- Environmental Precautions**
 - Avoid run off to waterways and sewers. Do NOT wash away into sewer.
- Containment/Clean-up Measures**
 - Use appropriate Personal Protective Equipment (PPE) Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container.
- Prohibited Materials**
 - Avoid contact with strong oxidizing agents and acids.

Section 7 - Handling and Storage

- Handling**
 - Keep containers tightly closed when not in use. Use only with adequate ventilation.
- Storage**
 - Keep only in the original container/package in a cool well-ventilated place. Keep container closed when not in use. Do not allow to freeze.
- Special Packaging Materials**
 - No data available
- Incompatible Materials or Ignition Sources**
 - Avoid contact with strong oxidizing agents and acids.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment



Respiratory • When used with adequate ventilation, a respirator is not normally required. If required, use appropriate respiratory protection for exposure levels. This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

Eye/Face • Wear ANSI approved safety glasses with side shields or safety goggles.

Hands • Wear chemical protective gloves made of Nitrile or Neoprene.

Skin/Body • Wear clothing that covers the skin to prevent skin exposure.

General Industrial Hygiene Considerations • Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke during work. Wash hands before eating.

Engineering Measures/Controls • Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Exposure Limits/Guidelines				
	Result	ACGIH	Canada Ontario	OSHA
Titanium Dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA (total dust)	15 mg/m3 TWA (total dust)

Section 9 - Physical and Chemical Properties

Material Description

Physical Form	Liquid	Appearance/Description	Gel-like consistency
Color	Green	Odor	No Odor

General Properties

Boiling Point	212°F(100°C)	Melting Point	Not relevant
pH	8.04	Density	8.67 lbs/gal
Viscosity	60000 Centipoise (cPs, cP) or mPas		

Volatility

Vapor Pressure	No data available	Vapor Density	No data available
VOC (Vol.)	< 50 g/L		

Flammability

Flash Point	Not relevant	Burning Time	Not relevant
Flame Height	Not relevant	Flame Extension	Not relevant
Ignition Distance	Not relevant	Flame Duration	Not relevant

Section 10 - Stability and Reactivity

Stability • Stable under normal temperatures and pressures.

Hazardous Polymerization • Hazardous polymerization not indicated.

Conditions to Avoid • Avoid contact with strong oxidizing agents and acids.

Hazardous Decomposition Products • Carbon monoxide, carbon dioxide, Sulfur and Nitrogen Oxides

Section 11 - Toxicological Information

Component Name	CAS	Data
Water (20% TO 25%)	7732-18-5	Acute Toxicity: orl-rat LD50:>90 mL/kg
Titanium Dioxide (3% TO 7%)	13463-67-7	Acute Toxicity: orl-rat TDLo:60 gm/kg; Irritation: skn-hmn 300 ug/3D-I MLD

Section 12 - Ecological Information

Ecological Fate • No data available.

Persistence/Degradability • No data available.

Bioaccumulation Potential • No data available.

Mobility in Soil • No data available.

Section 13 - Disposal Considerations

Product • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transportation Information

DOT - United States - Department of Transportation- Shipping Name: Not Restricted

TDG - Canada - Transport of Dangerous Goods- Shipping Name: Not Restricted

IMO/IMDG –International Maritime Transport - Shipping Name: Not Restricted

Section 15 - Regulatory Information

SARA Hazard Classifications • Acute, Chronic

Risk & Safety Phrases • California PROP 65: This product contains a chemical(s) known to the state of California to cause Cancer and Birth Defects or other reproductive harm.

State Right To Know				
Component	CAS	MA	MN	NJ
Water	7732-18-5	No	No	No
Latex Polymer Solution	Mixture	No	No	No
Titanium Dioxide	13463-67-7	Yes	Yes	Yes
Hydroxyethylcellulose	9004-62-0	No	No	No

Inventory			
Component	CAS	EU EINECS	TSCA
Water	7732-18-5	Yes	Yes
Latex Polymer Solution	Mixture	NDA	Yes
Titanium Dioxide	13463-67-7	Yes	Yes
Hydroxyethylcellulose	9004-62-0	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

- Water 7732-18-5 20% TO 25% Uncontrolled product according to WHMIS classification criteria
- Titanium Dioxide 13463-67-7 3% TO 7% D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS Division website.)
- Hydroxyethylcellulose 9004-62-0 2% TO 5% Uncontrolled product according to WHMIS classification criteria

Canada - WHMIS - Ingredient Disclosure List

- Water 7732-18-5 20% TO 25% Not Listed
- Titanium Dioxide 13463-67-7 3% TO 7% Not Listed
- Hydroxyethylcellulose 9004-62-0 2% TO 5% Not Listed

United States

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

- Water 7732-18-5 20% TO 25% Not Listed
- Titanium Dioxide 13463-67-7 3% TO 7% Not Listed
- Hydroxyethylcellulose 9004-62-0 2% TO 5% Not Listed

United States - California

U.S. - California - Proposition 65 - Carcinogens List

- Water 7732-18-5 20% TO 25% Not Listed
- Titanium Dioxide 13463-67-7 3% TO 7% carcinogen, initial date 9/2/11 (airborne, unbound particles of respirable size)
- Hydroxyethylcellulose 9004-62-0 2% TO 5% Not Listed

Section 16 - Other Information

Prepared By • GG Inc.

Last Revision Date • 5/10/2016

Disclaimer/Statement of Liability

- This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to verify the suitability and completeness of such information for particular use. Gardner-Gibson does not accept liability for any loss or damage that may occur from the use of this information.
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