

Issue Date Dec-1-2017

Revision Date Dec-1-2017

Version 1

1. IDENTIFICATION

Product identifier
Product Name HydroWic Part B

Other means of identification
Product Code 11
UN/ID no. 1263
Synonyms organosiloxane

Recommended use of the chemical and restrictions on use
Recommended Use Concrete Primer/Sealer
Uses advised against No Data

Details of the supplier of the safety data sheet
Manufacturer Address

Elastocrete 688 Chad Ranch RD. Veyo, Utah 84782 Telephone (435) 772-1345

Emergency telephone number
Company Phone Number(435) 772-1345

24 Hour Emergency Phone Number (1-800-535-5053 or +1-352-323-3500 (outside USA))

2. HAZARDS IDENTIFICATION

Classification
OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Inhalation (Vapors)	Category 1
Specific target organ toxicity (single exposure)	Category 1
Aspiration toxicity	Category 1
Flammable Liquids	Category 1

Label elements
Emergency Overview
Danger!
Hazard statements

Causes Skin Irritation



Appearance Transparent Liquid	Physical state liquid	Odor None
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Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ ventilating / lighting/ equipment
 Use only non-sparking tools
 Take action to prevent static discharges
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Wash face, hands and any exposed skin thoroughly after handling
 Use only outdoors or in a well-ventilated area
 Avoid release to the environment
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
 If skin irritation occurs: Get medical advice or attention.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
 IF SWALLOWED: Immediately call a POISON CONTROL CENTER/doctor
 Do NOT induce vomiting.
 Take off contaminated clothing and wash before reuse
 In case of fire use, "alcohol resistant" foam, dry chemical, halon or carbon dioxide to extinguish.
 Collect spillage

Precautionary Statements - Storage

Store in well-ventilated place. Keep Cool. Keep container tightly closed. Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified (HNOC)

Repeated exposure may cause skin dryness or cracking

Other Information**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

Chemical Name	CAS No.	Weight-%	Trade Secret
Organosiloxne	Proprietary	>98	*
Methanol	67-56-1	>=1-<=1.32	

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Note(s): Additional methanol may be formed by reaction with moisture

4. FIRST AID MEASURES

Description of first aid measures

General advice	Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the doctor in attendance.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.: Get medical advice/attention without delay.
Skin contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms Eye, Skin, and Respiratory Irritation. May cause allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

**Note to physicians
When combined with
part B** This product reacts with moisture in the acid contents of the stomach to form methanol. The combination of visual disturbances, metabolic acidosis, and formic acid in the urine is evidence of methanol poisoning. The therapeutic intravenous administration of ethanol (10 ml per hour) allows it to be preferentially oxidized and reduces production of methanol metabolites. Acidosis must be treated by means of intravenous sodium bicarbonate, and methanol elimination may be increased by hemodialysis, as indicated. Treatment should be based on blood methanol levels and acid-base balance. Folates may be administered to enhance the metabolism of formaldehyde. 4-Methyl pyrazole has been suggested as an antidote: because of its alcohol dehydrogenase inhibiting.

5. FIRE-FIGHTING MEASURES

Flash Point: not available

Suitable extinguishing media

Dry Chemical, Alcohol Resistant Foam, Halon or Carbon Dioxide.

**Unsuitable
extinguishing media** CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

In a fire or if heated a pressure increase may occur and the container may burst.

**Hazardous
combustion products** Carbon dioxide (CO₂). Carbon monoxide, Nitrogen oxides, oxides of Silicon

Explosion data

**Sensitivity to
Mechanical Impact** No

Sensitivity to Static Discharge**Protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not allow product to enter any drains or waterways.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

Methods for cleaning up Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal. Use clean non-sparking tools to collect absorbed material. Dispose according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take measures to prevent the build up of electrostatic charge. Use non-sparking tools. Wash hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Other Precautions**Conditions for safe storage, including any incompatibilities**

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Incompatible materials Keep away from strong oxidizing agents, strong alkalis, strong acids, and precious metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Ingredients with workplace control parameters:

Ingredients	CAS-No.	Value type(Form of exposure)	Control parameters/Permissible concentration	Basis

Methanol	67-56-1	TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH
		TWA	200 ppm 260 mg/m3	NIOSH REL
		ST	250 ppm	NIOSH REL
		ST	325 mg/m3	NIOSH REL
		TWA	200 ppm 260 mg/m3	OSHA Z-1

Biological occupational exposure limits:

Ingredients	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Methanol	67-56-1	Methanol	Urine	End of Shift (As soon as possible after exposure ceases)	15 mg/l	ACGIH BEI

Appropriate engineering controls

Engineering Controls General/Local Ventilation Recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash skin immediately upon contact. Wash hands at mealtime and end of shift.

Respiratory protection Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid		
Appearance	Transparent Liquid	Odor	Alcohol/Amine odor
Color	Transparent Liquid	Odor threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not Relevant	
Melting point / freezing point	Not Available	
Boiling point / boiling range	Not Available	194°F (90°C)
Flash point	Not Available	58 °C 136.4 °F
Evaporation rate	Not Available	
Flammability (solid, gas)	Not Relevant	
Flammability Limit in Air		
Upper flammability limit:	Transparent Liquid	

Lower flammability limit:	Transparent Liquid
Vapor pressure	Not Available
Vapor density	Not Available
Relative density	1.1 @ 70 Degrees F
Water solubility	Reactive
Solubility in other solvents	Not Available
Partition coefficient	Not Available
Autoignition temperature	Not Available
Decomposition temperature	Not Available
Kinematic viscosity	Not Available
Dynamic viscosity	Not Available
Explosive properties	Not Available
Oxidizing properties	Not Available

Other Information

Softening point	Not Relevant
Molecular weight	Not Available
VOC Content (%)	<12 g/ liter when combined with Part A
Density	Not Available
Bulk density	Not Available

10. STABILITY AND REACTIVITY

Reactivity

Not Available

Chemical stability

Stable.

Possibility of Hazardous Reactions

Use at elevated temperatures may form highly hazardous compounds.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Keep away from strong oxidizing agents, strong alkalis, strong acids, and water.

Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions, carbon oxides, benzene, formaldehyde, nitrogen oxides, oxides of silicon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	Direct contact and vapor inhalation.
Eye contact	Direct contact.
Skin contact	Direct contact.
Ingestion	Direct contact.

Information on toxicological effects**Symptoms**

May cause drowsiness or dizziness if inhaled. May cause respiratory irritation. Causes serious eye irritation. Causes skin irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	May be irritating to skin.
Serious eye damage/eye irritation	May be irritating to eyes.
Irritation	May be irritating to eyes, respiratory system and skin.
Sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	Not Available.
STOT - single exposure	Not Available.
STOT - repeated exposure	Not Available.
Aspiration hazard	Not Available.

Numerical measures of toxicity - Product Information

12. ECOLOGICAL INFORMATION

Material is expected to be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Ecotoxicity

Persistence and degradability

No data available.

Bioaccumulation

No data available.

Other adverse effects No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Incinerate. Dispose of in a safe manner in accordance with local/national regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

International Regulation

UNRTDG

UN Number	: UN 3082
Proper shipping name	: Environmentally hazardous substance, liquid, N.O.S.(3-Aminopropyl Me, di-Ph Siloxanes, Polymers Ph-silsesquioxanes)
Class	: 9
Packing Group	: III
Labels	: 9

IATA-DGR

UN/ID No.	: UN 3082
Proper shipping name	: Environmentally hazardous substance, liquid, N.O.S.(3-aminopropyl Me, di-Ph siloxanes, Polymers

Ph-silsesquioxaes)
 Class : 9
 Packing group : III
 Packing instruction : 964
 (cargo aircraft)
 Packing instruction : 964
 (passenger Aircraft)
 Environmentally hazardous : Yes

IMDG-Code

UN number : UN 3082
 Proper shipping name : Environmentally hazardous substance, liquid, N.O.S.(3-aminopropyl Me, di-Ph siloxanes, Polymers
 Ph-silsesquioxaes)
 Class : 9
 Packing Group : III
 Labels : 9
 Ems code : F-A, S-F
 Marine Pollutant : Yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied

Domestic regulation**49 CFR**

UN number : UN 3082
 Proper shipping name : Environmentally hazardous substance, liquid, N.O.S.(3-aminopropyl Me, di-Ph siloxanes, Polymers
 Ph-silsesquioxaes)
 Class : 9
 Packing Group : III
 Labels : 9
 Ems code : F-A, S-F
 Marine Pollutant : Yes
 ERG Code : 171
 Remarks : Above applies only to containers over 119 gallons or 450 liters. Shipment by ground under **DOT** is
 Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA All chemicals substances for this product are listed or on the TSCA Inventory or are in compliance with TSCA Inventory Exemption

DSL/NDSL This product contains one or more components which are not on the Canadian Domestic Substances List (DSL). Import of this product in to Canada may have volume restrictions.

TSCI All ingredients are listed or exempt

ENCS Some components are not listed or identified.

IECSC One or more components of this product may not be listed on the IECSC inventory.

KECI All ingredients are listed or exempt

PICCS All ingredients are listed or exempt

AICS All ingredients are listed or exempt

REACH All ingredients are pre/registered or exempt

NZIoC One or more ingredients are not listed or exempt

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECI - Korean Existing Chemicals Inventory
PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances
 NZIoC-New Zealand Inventory of Chemicals
 TCSI-Tiawan Chemical Substance Inventory

US Federal Regulations

SARA 302

Does not contain components with 302 EHS RQ

SARA 304

Does not contain components with 304 EHS RQ.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard

Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

Ingredients	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Methanol	67-56-1	5000	*
Toluene	108-88-3	1000	*
Benzene	71-43-2	10	*

- Calculated RQ exceeds reasonably attainable upper limit.

US State Regulations

Pennsylvania Right to know: 3-Aminopropyl Me, di-Ph Siloxanes, Polymers with Ph-silsesquioxanes
 1242619-23-3
 Methanol 67-56-1
 Toluene 108-88-3

California Proposition 65

WARNING: This product can expose you to chemicals including Benzene, which is/are known to the State of California to cause cancer. This product can expose you to chemicals including Benzene, Toluene, and Methanol which are known to the State of California to cause birth defects and other reproductive harm. For more information got to www.P65Warnings.ca.gov

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health hazards 1	Flammability 1	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 1	Flammability 1	Physical hazards 0	Personal protection X
Issue Date	Dec 1-2017			

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Revision Note

No data available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet