

Issue Date Dec-12-2017

Revision Date Feb-13-2018

Version 1

1. IDENTIFICATION

Product identifier

Product Name HydroWic Part A

Other means of identification

Product Code 11

UN/ID no.

Synonyms Cycloaliphatic resin

Recommended use of the chemical and restrictions on use

Recommended Use Concrete, wood, metal 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 (435) 817-5500 (United States & Canada), International Call: 1-435-817-5500

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 5
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
Cycloaliphatic resin	Proprietary	95-100	*

*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

5. FIRE-FIGHTING MEASURES

Flash Point: not available

Suitable extinguishing media

Use water spray, 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

Product is not considered a fire hazard, but will burn if ignited. Closed container may burst when exposed to excessive heat.

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

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

Biological occupational exposure limits:

Ingredients	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis

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	Slight aromatic
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	>115 degrees C	58 °C 136.4 °F
Evaporation rate	Not Available	
Flammability (solid, gas)	Not Relevant	
Flammability Limit in Air		
Upper flammability limit:	Not available	
Lower flammability limit:	Not available	
Vapor pressure	Not Available	
Vapor density	Heavier than air	
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 this product will autopolymerize. Hazardous polymerization may occur

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

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

Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions, carbon oxides, aldehydes, hydrogen chloride and other products of incomplete combustion.

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.
Ingestion Hazard	May be harmful if swallowed- category 5
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 : N/A
Proper shipping name : Not RegulatedClass : N/A
Packing Group : N/A
Labels : N/A**IATA-DGR**UN/ID No. ; N/A
Proper shipping name : N/A
Packing group : N/A
Packing instruction : N/A
(cargo aircraft)
Packing instruction : N/A
(passenger Aircraft)
Environmentally hazardous : N/A**IMDG-Code**UN number : N/A
Proper shipping name : N/A
Class : N/A
Packing Group : N/A
Labels : N/A
Ems code : N/A**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 : N/A
 Class : N/A
 Labels : N/A
 Ems code : N/A
 Marine Pollutant : N/A
 ERG Code : N/A

Remarks :

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 - Taiwan 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)

- Calculated RQ exceeds reasonably attainable upper limit.

US State Regulations

Pennsylvania Right to know: none

California Proposition 65

None

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

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

<u>NFPA</u>	Health hazards 1	Flammability 1	Instability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 1	Flammability 1	Physical hazards 0	Personal protection X

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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