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**Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

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**Material Name**

LiquiSeal Metal Primer

**Synonyms**

Urethane primer component

**Chemical Family**

Polyol Blend

**Product Use**

Interior and exterior waterproofing.

**Restrictions on Use**

For industrial use only.

**Manufacturer Information**

Carlisle SynTec

1285 Ritner Highway

Carlisle, PA 17013 USA

Phone: +1-800-479-6832

Emergency Phone #: +1-800-424-9300 (Chemtrec)

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**Section 2 - HAZARDS IDENTIFICATION**

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**Classification of the substance or mixture:**

This product is not classified as hazardous according to the Globally Harmonized System (GHS).

**Label Elements****GHS Label Elements**

Not Available.

**Signal Word**

Not Available.

**Hazard Statement(s)**

Not Available.

**NFPA ratings (scale 0 - 4):**

Health = 0

Fire = 1

Reactivity = 0

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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**Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with nonhazardous additions.**Dangerous components:**

Not Available.

**Additional Information:** Exact concentrations are being withheld as trade secrets.

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### Section 4 - FIRST AID MEASURES

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**After Inhalation:**

Supply fresh air; consult doctor in case of complaints.

**After Skin Contact:**

Immediately wash with water and soap and rinse thoroughly.

**After Eye Contact:**

Rinse opened eye for several minutes under running water.

**After Swallowing:**

If symptoms persist consult doctor.

**Most Important Symptoms and Effects, both Acute and Delayed:**

No further relevant information available.

**Indication of any Immediate Medical Attention and Special Treatment needed:**

No further relevant information available.

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### Section 5 - FIRE FIGHTING MEASURES

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**Suitable Extinguishing Agents:**

Use fire fighting measures that suit the environment.

**Special Hazards Arising from the Substance or Mixture:**

No further relevant information available.

**Protective Equipment:**

No special measures required.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### Personal Precautions, Protective Equipment and Emergency Procedures

See below:

#### Environmental Precautions

Do not allow to enter sewers/ surface or ground water.

#### Methods and Materials for Containment and Cleaning Up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

#### Reference to other sections:

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

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## Section 7 - HANDLING AND STORAGE

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### Precautions for Safe Handling

No special measures required.

### Information about protection against explosions and fires:

No special measures required.

### Storage

#### Requirements to be met by storerooms and receptacles:

No special requirements.

#### Information about storage in one common storage facility:

Not required.

#### Further Information about Storage Conditions:

None.

#### Special End Use(s):

No further relevant information available.

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Additional information about design of technical systems:** No further data; see item 7.

### Component with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### Additional Information:

The lists that were valid during the creation were used as basis.

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**Personal Protective Equipment**

**General Protective and Hygienic Measures:**

The usual precautionary measures for handling chemicals should be followed.

**Breathing Equipment:**

Not required.

**Protection of Hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Material of Gloves:**

Protective gloves not normally required. People with sensitive skin may prefer to wear water-proof gloves, such as rubber or neoprene, to avoid skin contact.

**Eye Protection**

Goggles recommended during refilling.

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**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Form</b>	Fluid	<b>Color</b>	According to product specification.
<b>Odor</b>	Characteristic	<b>Odour threshold</b>	Not determined
<b>pH-value</b>	Not determined	<b>Change in condition: Melting point/Melting range Boiling point/Boiling range</b>	Undetermined 351°C
<b>Flash point</b>	201°C	<b>Flammability (solid, gaseous)</b>	Not applicable
<b>Ignition temperature: Decomposition temperature</b>	Not determined	<b>Auto igniting</b>	Product is not selfigniting
<b>Danger of explosion</b>	Product does not present an explosion hazard	<b>Explosion limits: Lower Upper</b>	Not determined Not determined
<b>Vapor pressure</b>	Not determined	<b>Density at 20°C Relative density Vapour density Evaporation rate</b>	1.025 g/cm <sup>3</sup> Not determined Not determined Not determined
<b>Solubility in / Miscibility with Water</b>	Not miscible or difficult to mix.	<b>Partition coefficient (n-octanol/water)</b>	Not determined
<b>Viscosity Dynamic Kinematic</b>	Not determined Not determined	<b>Solvent content Organic solvents</b>	0.2%

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<b>Solids content</b>	5.0%
<b>Other information</b>	No further relevant information available.

### Section 10 - STABILITY AND REACTIVITY

**Thermal Decomposition/Conditions to be Avoided:**

No decomposition if used according to specifications.

**Possibility of Hazardous Reactions**

No dangerous reactions known.

**Conditions to Avoid**

No further relevant information available.

**Incompatible Materials**

No further relevant information available.

**Hazardous decomposition products**

No dangerous decomposition products known.

### Section 11 - TOXICOLOGICAL INFORMATION

**Information on Toxicological Effects:**

Not available

**Acute Toxicity**

**Specific Symptoms in Biological Assay:**

No further relevant information available.

**Primary Irritant Effect:**

**On the skin:** No irritating effect.

**On the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

**Additional Toxicological Information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**Carcinogenic Categories**

<b>IARC (International Agency for Research on Cancer)</b>		
1318-02-1	Zeolite powder 3 A	3
60676-86-0	Silica, fused	3
7631-86-9	silicon dioxide, chemically prepared	3
<b>NTP (National Toxicology Program)</b>		

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None of the ingredients is listed.
<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
None of the ingredients is listed.

### Section 12 - ECOLOGICAL INFORMATION

**Aquatic Toxicity:**

No further relevant information available.

**Persistence and Degradability:**

No further relevant information available.

**Bioaccumulative Potential:**

No further relevant information available.

**Mobility in Soil:**

No further relevant information available.

**Additional Ecological Information**

**General Notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Other Adverse Effects:**

No further relevant information available.

### Section 13 - DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Recommendation:**

Smaller quantities can be disposed of with household waste.

**Uncleaned Packagings:**

**Recommendations:**

Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

### Section 14 - TRANSPORT INFORMATION

<b>UN-Number</b>	Not Regulated
<b>DOT, TDG, ADN, IMDG, IATA</b>	Not Regulated
<b>UN proper shipping name</b>	Not Regulated
<b>DOT, TDG, ADN, IMDG, IATA</b>	Not Regulated

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<b>Transport hazard class(es)</b> DOT, TDG, ADN, IMDG, IATA Class	Not Regulated
<b>Packing group</b> DOT, TDG, IMDG, IATA	Not Regulated
<b>Environmental hazards:</b> <b>Marine pollutant:</b>	No
<b>Special precautions for user:</b>	Not applicable
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable.
<b>US "Model Regulation":</b>	-

### Section 15 - REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Sara

<b>Section 355 (extremely hazardous substances)</b>	
None of the ingredients is listed.	
<b>Section 313 (Specific toxic chemical listings)</b>	
872-50-4	N-methyl-2-pyrrolidone
<b>TSCA (Toxic Substance Control Act):</b>	
All ingredients are listed.	

**Proposition 65**

<b>Chemicals known to cause cancer:</b>	
None of the ingredients is listed.	
<b>Chemicals known to cause reproductive toxicity for females:</b>	
None of the ingredients is listed.	
<b>Chemicals known to cause reproductive toxicity for males:</b>	
None of the ingredients is listed.	
<b>Chemicals known to cause developmental toxicity:</b>	
872-50-4	N-methyl-2-pyrrolidone

**Carcinogenic Categories**

<b>EPA (Environmental Protection Agency):</b>	
None of the ingredients is listed.	
<b>TLV (Threshold Limit Value established by ACGIH):</b>	
77-58-7	dibutyltin dilaurate
<b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>	
60676-86-0	Silica, fused

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### Canadian Substance Listings

<b>Canadian Domestic Substances List (DSL)</b>	
All ingredients are listed.	
<b>Canadian Ingredient Disclosure List (Limit 0.1%):</b>	
None of the ingredients is listed.	
<b>Canadian Ingredient Disclosure List (Limit 1%)</b>	
8001-79-4	Castor oil

### GHS label elements

Not Available

### Hazard Pictograms

Not Available

### Signal Word:

Not Available

### Hazard Statements:

No Available

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## Section 16 - OTHER INFORMATION

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### Summary of Changes

Revision Date: October 03, 2018

Revision Note: General Update

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition





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coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### **Other Information**

#### **Disclaimer:**

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.