

## Safety Data Sheet

**Material Name:** LiquiSeal Liquid Flashing Resin

**Product #:** 330891 - .5G

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### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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**Material Name**

LiquiSeal Liquid Flashing Resin

**Synonyms**

Waterproofing Resin

**Product Use**

Waterproofing Resin

**Restrictions on Use**

For industrial use only.

**Manufacturer Information**

Versico LLC

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:**



GHS07

Skin Sens. 1     H317 May cause an allergic skin reaction.

**Label Elements**

**GHS Label Elements**

This product is classified and labeled according to the Globally Harmonized System (GHS).

**Signal Word**

Warning

**Hazard-determining Components of Labeling**

2-n-butyl-benzo[d]isothiazol-3-one

**Hazard Statement(s)**

May cause an allergic skin reaction.

## Safety Data Sheet

**Material Name:** LiquiSeal Liquid Flashing Resin

**Product #:** 330891 - .5G

### Precautionary Statement(s)

Avoid breathing mist/vapours/spray.

Wear protective gloves.

Contaminated work clothing must not be allowed out of the workplace.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

If on skin: Wash with plenty of water.

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

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



Health = 0

Fire = 1

Reactivity = 0

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

### Chemical characterization: Mixtures

**Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous Components		
13463-67-7	titanium dioxide	10-<25%
57-55-6	Propylene Glycol	1-<3%
4299-07-4	2-n-butyl-benzo[d]isothiazol-3-one	0.1-<0.25%
115-86-6	triphenyl phosphate	0.1-<0.3%

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

## Section 4 - FIRST AID MEASURES

### After Inhalation:

Supply fresh air; consult doctor in case of complaints.

### After Skin Contact:

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or a rash occurs: Get medical advice/attention.

### After Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention.

## Safety Data Sheet

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**Product #:** 330891 - .5G

**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**

Wear protective clothing.

**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:**

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 precautions are necessary if used correctly.

**Information about protection against explosions and fires:**

No special measures required.

## Safety Data Sheet

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### 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:	
<b>57-55-6 Propylene Glycol</b>	
EV	Long-term value: 155* 10** mg/m <sup>3</sup> , 50* ppm *vapour and aerosol;**aerosol only
<b>115-86-6 triphenyl phosphate</b>	
EL	Long-term value: 3 mg/m <sup>3</sup>
EV	Long-term value: 3 mg/m <sup>3</sup>

### Additional Information:

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

### Personal Protective Equipment

#### General Protective and Hygienic Measures:

Wash hands before breaks and at the end of work.

#### Breathing Equipment:

Use suitable respiratory protective device in case of insufficient ventilation.

#### Protection of Hands:

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

#### Material of Gloves:

Neoprene gloves  
Butyl rubber, BR  
Nitrile rubber, NBR

#### Eye Protection

Goggles recommended during refilling

## Safety Data Sheet

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### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid	<b>Color</b>	White
<b>Odor</b>	Characteristic	<b>Odour threshold</b>	Not determined
<b>pH-value</b>	Not determined	<b>Melting point/Melting range</b>	Undetermined
<b>Boiling Point/Boiling Range</b>	185°C	<b>Flash Point</b>	101°C
<b>Flammability (solid, gaseous)</b>	Not applicable	<b>Ignition temperature</b>	> 450°C
<b>Decomposition temperature</b>	Not determined	<b>Auto igniting</b>	Product is not selfigniting
<b>Danager of explosion</b>	Product does not present an explosion hazard	<b>Explosion limints Lower Upper</b>	Not determined Not determined
<b>Vapor pressure at 20°C</b>	1 hPa	<b>Density at 20°C</b>	1.33 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined	<b>Vapour density</b>	Not determined
<b>Evaporation rate</b>	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>	0.16%	<b>Solids Content Other information</b>	70.4% VOC: 2 g/L (Component A+B)

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### Section 10 - STABILITY AND REACTIVITY

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**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.

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### Section 11 - TOXICOLOGICAL INFORMATION

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**Information on Toxicological Effects:**

**Acute Toxicity**

**Specific Symptoms in Biological Assay:**

No further relevant information available.

**Primary Irritant Effect:**

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

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

**Sensitization:** Sensitization possible through skin contact.

**Additional Toxicological Information:**

**Carcinogenic Categories**

IARC (International Agency for Research on Cancer)		
13463-67-7	titanium dioxide	2B
1318-02-1	Zeolite powder 3 A	3
60676-86-0	Silica, fused	3
1330-20-7	xylene	3
NTP (National Toxicology Program)		
None of the ingredients is listed.		
OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

## Safety Data Sheet

**Material Name:** LiquiSeal Liquid Flashing Resin

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### Section 12 - ECOLOGICAL INFORMATION

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**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.

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### Section 13 - DISPOSAL CONSIDERATIONS

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**Waste Treatment Methods**

**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**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.

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### Section 14 - TRANSPORT INFORMATION

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<b>UN-Number</b>	
<b>DOT, TDG, ADN, IMDG, IATA</b>	Not regulated
<b>UN proper shipping name</b>	
<b>DOT, TDG, ADN, IMDG, IATA</b>	Not regulated
<b>Transport hazard class(es)</b>	
<b>DOT, TDG, ADN, IMDG, IATA</b>	
<b>Class</b>	Not regulated

## Safety Data Sheet

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<b>Packing group</b>	
<b>DOT, TDG, IMDG, IATA</b>	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>Transport/Additional information:</b>	
<b>DOT</b>	
<b>Quality limitations</b>	On passenger aircraft/rail: 1 L On cargo aircraft only: 30 L
<b>TDG</b>	
<b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
<b>IMDG</b>	
<b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
<b>UN "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>	
1344-28-1	aluminium oxide
1330-20-7	xylene
<b>TSCA (Toxic Substance Control Act)</b>	
All ingredients are listed or exempted	

#### 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.



## Safety Data Sheet

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**Product #: 330891 - .5G**

<b>Chemicals known to cause reproductive toxicity for males:</b>
None of the ingredients is listed.
<b>Chemicals known to cause developmental toxicity:</b>
None of the ingredients is listed.

### Carcinogenic Categories

<b>EPA (Environmental Protection Agency):</b>		
4299-07-4	2-n-butyl-benzo[d]isothiazol-3-one	1258-1249
1330-20-7	xylene	I
<b>TLV (Threshold Limit Value established by ACGIH):</b>		
13463-67-7	titanium dioxide	A4
1344-28-1	aluminium oxide	A4
1314-23-4	zirconium dioxide	A4
115-86-6	triphenyl phosphate	A4
1330-20-7	xylene	A4
<b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>		
13463-67-7	titanium dioxide	
60676-86-0	Silica, fused	

### Canadian Substance Listings

<b>Canadian Domestic Substances List (DSL)</b>	
	Nonhazardous material
8001-79-4	Castor oil
13463-67-7	titanium dioxide
1318-02-1	Zeolite powder 3 A
1241-94-7	2-ethylhexyl diphenyl phosphate
57-55-6	Propylene Glycol
1344-28-1	aluminium oxide
1314-23-4	zirconium dioxide
67762-90-7	Siloxanes and Silicones, di-Me, reaction products with silica
16368-97-1	bis(2-ethylhexyl) phenyl phosphate
60676-86-0	Silica, fused
115-86-6	triphenyl phosphate
762-04-9	diethyl phosphonate
3648-18-8	Diocetyl tin Dilaurate
1330-20-7	xylene
<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
57-55-6	Propylene Glycol

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### GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS)

### Hazard Pictograms



GHS07

### Signal Word:

Warning

### Hazard-determining Components of Labeling:

2-n-butyl-benzo[d]isothiazol-3-one

### Hazard Statements:

May cause an allergic skin reaction.

### Precautionary Statements:

Avoid breathing mist/vapours/spray.

Wear protective gloves.

Contaminated work clothing must not be allowed out of the workplace.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

If on skin: Wash with plenty of water.

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

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## Section 16 - OTHER INFORMATION

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### Date of preparation / last revision:

03/16/2015 / -

## Safety Data Sheet

**Material Name: LiquiSeal Liquid Flashing Resin**

**Product #: 330891 - .5G**

### 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 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

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