Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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)

Section 2 - HAZARDS IDENTIFICATION

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

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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.

Section 4 - FIRST AID MEASURES

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.

Section 5 - FIRE FIGHTING MEASURES

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.

Section 6 - ACCIDENTAL RELEASE MEASURES

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.

Section 7 - HANDLING AND STORAGE

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.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

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.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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

Solids content	5.0%
Other information	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

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

None of the ingredients is listed.
OSHA-Ca (Occupational Safety & Health Administration)
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

UN-Number	
DOT, TDG, ADN, IMDG, IATA	Not Regulated
UN proper shipping name	
DOT, TDG, ADN, IMDG, IATA	Not Regulated

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

Section 15 - REGULATORY INFORMATION

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

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

Proposition 65

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

Carcinogenic Categories

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

Canadian Substance Listings

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

GHS label elements
Not Available

Hazard Pictograms
Not Available

Signal Word:
Not Available

Hazard Statements:
No Available

Section 16 - OTHER INFORMATION

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Date of preparation / last revision:
10/23/2014 / 1

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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