

SAFETY DATA SHEET



Section 1-Chemical Product and Company Identification

TOWER SEALANTS
2095 Memorial Park Road
Gainesville, GA 30504

Tech Phone: 770-535-8782
Fax: 770-535-8789

Chemtrec Emergency Phone Number: 800-424-9300 **Monday-Friday 8:00 am – 5:00 pm (EST)**
Trade Name: Tower Lite Wall Spackle

Product Family: Mixture of water-based ingredients and low-density mineral fillers
Part Number: TS-00154, TS-00160, TS-00170
Recommended Use: Drywall repair

Section 2-Hazard Identification

NOTE: Under normal and recommended use conditions, this product is not expected to cause adverse health effects.

GHS Hazard Classification:

Eye (Serious Damage/Irritation): Category 2B

Skin (Corrosion/Irritation): Category 3

GHS Pictogram: None required

GHS Signal Word:

WARNING

Hazard Statement(s):

H316: Causes mild skin irritation

H320: Causes eye irritation

Precautionary Statement(s):

P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P103: Read label before use

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection

P332+P313: If skin irritation: Get medical advice/attention.

P337+P313: If eye irritation or rash occurs: Get medical advice/attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contacts lenses, if present and easy to do. Continue rinsing.

Section 3-Composition and Information on Ingredients

Filename: Lightweight Spackle SDS
Issue Date: 8/20/18
Revision: 13

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Substance/Mixture: Mixture

Hazardous Components:

<u>Common Name</u>	<u>C.A.S. No.</u>	<u>Wt. %</u>
Bicyclic Oxazolidines	Mixture	0.2 max
Urea	57-13-6	5 max
Proprietary Hazardous Ingredients*	-----	2 max

**Proprietary Hazardous Ingredients are considered a "Trade Secret". These ingredients, to the current knowledge of supplier/manufacturer, are at concentrations which do not require reporting under the OSHA Hazardous Communication Standard (29 CFR 1910.1200).*

Non-Hazardous Components:

Non-Hazardous Ingredients are not considered hazardous by the Federal Hazard Communication Standard 29 CFR 1910.1200.

<u>Common Name</u>	<u>C.A.S. No.</u>	<u>Wt. %</u>
Aqueous Polymer Solution, mixture	NA	40-50
Sodium Borosilicate Glass	65997-17-3	10-20
Non-Hazardous Ingredients	-----	8 max

Section 4 – First Aid Measures

First Aid Measures:

Skin contact: Wash affected area with soap and water. Consult physician if irritation persists.
Remove and wash contaminated clothing.

Inhalation: Remove patient to fresh air and keep at rest in position comfortable for breathing.
Consult physician if irritation persists.

Ingestion: Do not induce vomiting. Consult physician immediately.

Eye contact: Flush eyes with large quantities of water. Check for and remove contact lenses.
Consult physician if irritation persists.

Most important symptoms and effects, both acute and delayed:

Skin contact: Causes mild skin irritation which may result in redness and dry skin.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhea and vomiting.
May be irritating to mouth, throat and stomach.

Eye contact: Causes eye irritation which can cause redness, eye-tearing and discomfort.

Inhalation: No known significant effects or critical hazards.

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Protection of First-Aiders: No action shall be taken involving any personal risk or without suitable training. May be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before reusing it, or wear gloves.

Notes to physician: Treat symptomatically and supportively. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5- Firefighting Measures

Extinguishing Media: Use media suitable for surrounding materials; Foam, Dry Chemical, Carbon Dioxide

Unsuitable Extinguishing Media: Not known

Specific Hazards Arising from the chemical/mixture: None known

Hazardous Combustion Products: May include the following: Carbon oxides, Metal oxides

Special fire fighting procedures: Remain upwind. Avoid breathing smoke. Exposed firefighters must wear NIOSH-approved positive pressure self-contained apparatus with full-face mask and full protective clothing. Do not inhale combustion gases.

Section 6 – Accidental Release Measures

Personal precautions: Avoid eye contact. Remove possible ignition sources. Use in well ventilated area. Wash contacted skin as soon as possible after exposure. Do not eat, drink or smoke while cleaning up. Material may create slippery conditions. Minimize any non-essential personnel from spill area.

Methods and materials for cleanup and containment: Contain spills with inert material (sand, earth). Transfer separate suitable containers for recovery or disposal. Dispose of in accordance with Federal, State and local guidelines for handling nonhazardous waste.

Environmental precautions: Avoid release into the environment such as municipal sewers and open bodies of water.

Section 7- Handling and Storage

Precautions for safe handling: Use appropriate personal protection equipment. Do not handle or use until all instructions and safety precautions have been read and understood. Avoid eye contact. Do not ingest. Use in well ventilated area and/or wear appropriate respirator. Wash contacted skin as soon as possible after exposure. Keep away from children and pets. Do not eat, drink or smoke while using this product. Remove contaminated clothing.

Conditions for safe storage: Keep containers tightly closed when not in use. Stable under normal conditions but store between 40 F and 90 F away from direct sunlight. Keep away from foodstuffs or drinking water. Observe good housekeeping practices. Keep away from incompatible materials.

Section 8- Exposure Controls and Personal Protection

Component(s) with workplace control parameters:

Common Name/ C.A.S. Number	OSHA PEL	ACGIH TLV	NIOSH IDHL
Distillates (Petroleum),	TWA: 5 mg/m ³	Inhalation: TWA: 5 mg/m ³	***

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Hydro treated Heavy Paraffinic
64742-52-5

STEL: 10mg/m³ (15 minutes)

Soda Lime
Borosilicate Glass
65997-17-3

Manufacturer
Limits:
TWA: 10 mg/m³
(Dust)

Silica, Amorphous
7631-86-9

TWA: 0.8mg/m³
TWA: 20 ppm

Ethyl Hydroxyethyl
Cellulose
9004-58-4

TWA: 10 mg/m³
(Total Dust)
TWA: 5 mg/m³
(Respirable)

Urea
57-13-6

TWA: 5 mg/m³
(Respirable)

Inhalation: TWA: 10 mg/m³

Unless otherwise noted, all PEL and TLV values are reported as 8-hour time weighted averages (TWA).

Hazardous Component(s) without workplace control parameters:

Common Name _____ **C.A.S. No.** _____

Bicyclic Oxazolidines

Mixture

Engineering Measures: Use exhaust ventilation, if required, to maintain dust concentration below recommended exposure limits.

Personal Protective Equipment:

Respiratory Protection: Avoid breathing of dust. Wear NIOSH-approved respiratory protection when working in enclosed areas.

Skin Protection:

Hand: Protective Gloves: Wear chemically resistant or impermeable gloves to avoid skin contact.

Body: Not required for normal use.

Eye Protection: Eye protection in the form of protective glasses or goggles is recommended if product contact is likely. Eyewash facility accessibility.

Hygiene Measures: Do not eat, drink or smoke when using this product. Wash hands and contacted areas with soap and water before taking breaks and after completing work. Observe good industrial and personal hygiene practices. Remove and wash contaminated clothing prior to re-use.

Section 9- Physical and Chemical Characteristics

Physical State:
Appearance

Paste
White
Not determined
Partial

Vapor Pressure:

Not determined

Water Solubility:

Partial

Vapor Density (Air =1):

Not determined

Odor Threshold:

Not determined

Odor:

Mild latex

Flash Point:

Not determined

pH

8.5-9.5

Specific Gravity:

0.5 at 60°F (water =1)

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Evaporation Rate (Water =1): Not determined **Freezing Point:** Not determined
Melting Point: Not determined **Relative Density:** Not determined
Flammability (solid, gas): Not determined
Autoignition Temperature: Not determined
Decomposition Temperature: Not determined
Flammable Limits: Lower: Not Available **Upper:** Not Available
Partition coefficient: n-octanol/water: Not determined
Initial Boiling Point and Boiling Range: Variable
Percent Volatile: 54-58
Volatile Organic Compounds (V.O.C.): 0.074 pounds/gallon, 8.84 grams/liter

Section 10- Stability and Reactivity

Chemical Stability: Stable (Avoid temperatures above 177°C/350°F)
Conditions to Avoid: Excessive heat and freezing temperatures
Incompatible Materials: None known
Hazardous Decomposition Products: Oxides of carbon, trace ammonia. Under normal conditions of storage and use, hazardous decomposition products should not occur.
Reactivity: Non-reactive when product is used in accordance with intended use.
Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
Hazardous Polymerization: Will not occur

Section 11- Toxicological Information

NOTE: The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

Effects of Overexposure:

Oral: Single dose oral toxicity is low. Amounts ingested incidentally to industrial handling are not likely to cause injury; however, ingestion of large amounts may cause injury and nausea, gastrointestinal upset and pain.

Dermal: Contact with skin may cause mild irritation.

Inhalation: Inhalation may cause mild irritation to the respiratory tract (nose, mouth, mucous membranes). Prolonged, repeated, or high exposures may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

Eyes: Contact with may cause temporary irritation such as tearing, redness and pain.

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Acute Health Hazards:

Product:

Oral: Not classified. No data available on mixed product.
Dermal: Not classified. No data available on mixed product.
Inhalation: Not classified. No data available on mixed product

Ingredients:

<u>Common Name/ C.A.S. Number</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LD50</u>
Bicyclic Oxazolidines 56709-13-8	2974 mg/kg	2000 mg/kg (Rabbit)	< 1.8-4.0 mg/L (Rat) 4 h
Trimethylpentanediol Monoisobutyrate 25265-77-4	6500 mg/kg (Rat)	15200 mg/kg (Rabbit)	> 3.55 mg/L (Rat) 6 h
Soda Lime Borosilicate Glass 65997-17-3	>5000 mg/kg	Ingestion: 2000-5000 mg/kg	***
Aqueous Polymer Solution Mixture	***	>5000 mg/kg (Rabbit)	> 8.1 mg/L (Rat) Male/Female 4 hr vapor
Distillates (Petroleum), Hydro treated Heavy Paraffinic 64742-52-5	>5000 mg/kg (Rat)	***	***
Urea 57-13-6	*8471 mg/kg (Rat) *14300 mg/kg (Rat) Male *15000 mg/kg (Rat) Female *11500 mg/kg (Mouse) Male *13000 mg/kg (Mouse) Female	***	***

Chronic Health Hazards: Prolonged, repeated, or high exposures may cause irritation to the respiratory tract (nose, mouth, mucous membranes). No data available on mixed product.

Skin (Corrosion/Irritation): Causes mild skin irritation. No data available on mixed product.

Eye (Serious Damage/ Irritation): Causes eye irritation. No data available on mixed product.

Sensitization (Respiratory/Skin): Not classified. No data available on mixed product.

Carcinogenicity: No data available to indicate product or any components present at greater than 0.1% are carcinogenic.

Germ Cell Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive Toxicity: Not classified. No data available on mixed product.

Specific Target Organ Toxicity: Not classified.

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Single Exposure No data available on mixed product.

Specific Target Organ Toxicity: Not classified.

Repeated Exposure No data available on mixed product.

Aspiration Hazard: Not classified. No data available on mixed product.

Section 12 – Ecological Information

Ecotoxicity:

There is no data available on the mixed product. Not expected to have ecological toxicity based on individual ingredients. Do not dispose of in any waterway, sanitary or industrial sewer system. Nor does it exclude the possibility that large and frequent spills can have a harmful or damaging effect on the environment.

Ingredients:

Common Name/ C.A.S. Number	Toxicity to fish	Toxicity to Algae	Toxicity to daphnia/ other aquatic invertebrates
Trimethylpentanediol Monoisobutyrate 25265-77-4	*LC50: 33 mg/l (<i>Pimephales promelas</i> (fathead minnow)) Exposure time: 96 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 203 GLP: yes	*EC50: 15 mg/l (<i>Pseudokirchneriella subcapitata</i>) End point: Growth rate Exposure time: 72 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 201 GLP: yes	* EC50: 147.8 mg/l (<i>Daphnia magna</i> (Water flea)) Exposure time: 48 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 202 GLP: yes
Bicyclic Oxazolidines Mixture	*LC50: 153 mg/l (<i>Lepomis macrochirus</i> (Bluegill sunfish)): Exposure time: 96 h *LC50: 240 mg/l (<i>Oncorhynchus mykiss</i>) Rainbow trout Exposure time: 96 h	*EbC50: 8.2 mg/l (Green algae) End point: Biomass Exposure time: 72 h ErC50: 13 mg/l (Green algae) End point: Growth inhibition Exposure time: 72 h	*EC50: 77 mg/l (<i>Daphnia magna</i> (Water flea)) Exposure time: 48 h
Distillates (Petroleum), Hydro treated Heavy Paraffinic 64742-52-5	*LC50: >100 mg/l Exposure time: 96 h	*Microorganisms: EC50: >10-100 mg/l	***
Ethyl Hydroxyethyl Cellulose 9004-58-4	*LC50: >100 mg/l (<i>Oncorhynchus mykiss</i>) Rainbow trout Exposure time: 96 h	***	*EC50: >100 mg/l (<i>Daphnia magna</i> (Water flea)) Exposure time: 48 h
Urea 57-13-6	*LC50: => 9100 mg/L <i>Barillius barna</i> Exposure time: 96 h	*Cell multiplication inhibition test- TT>10,000 mg/L <i>Scenadesmus quadricauda</i> Exposure time: 192 h	*EC50: 10000 mg/l (<i>Daphnia magna</i> (Water flea)) Exposure time: 24 h

Persistence and Degradability: No data available on mixed product. No accumulation or persistence expected.

Ingredients:

Urea (57-13-6):
Biodegradation: 93-98 %

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Method: OECD Test Guideline 302B

Exposure time: 24 h

Remarks: Readily biodegradable

Trimethylpentanediol Monoisobutyrate (25265-77-4):

Biodegradability: aerobic

Inoculum: Activated sludge, domestic, non-adapted

Concentration: 20 mg/L

Result: Readily biodegradable.

Biodegradation: > 98 %

Exposure time: 28 d

Method: OECD Test Guideline 301B

GLP: yes

Bicyclic Oxazolidines (Mixture):

Biodegradation: 81 %

Exposure time: 28 d

Remarks: Readily biodegradable

Mobility in Soil: No data available on mixed product. None expected.

Ingredients:

<u>Common Name</u>	<u>C.A.S. No.</u>	<u>Partition Coefficient n-octanol/water</u>
Trimethylpentanediol Monoisobutyrate	25265-77-4	3.2

Bioaccumulative Potential: No data available on mixed product. None expected.

Section 13 – Disposal Considerations

Disposal Information: Dispose of product and packaging in accordance with all local, state and federal laws and regulations. Waste product should not be discharged directly into drains or waterways without treatment. Wastewater containing product should be treated in a separation and biological treatment plant.

Section 14 – Transport Information

Regulations:

	<u>DOT Classification</u>	<u>IATA</u>	<u>IMDG</u>
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	***	***	***
Transport Hazard Class(es)	***	***	***
Packing Group	***	***	***
Environmental Hazards	No	No	No

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Additional Information Not Applicable Not Applicable Not Applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable for product as supplied.

Special Precautions: No information available

Section 15- Regulatory Information

Emergency Planning and Community Right to Know:

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):

<u>Chemical Name</u>	<u>CAS Number</u>
Ammonium hydroxide	1336-21-6
Chlorothalonil	1897-45-6

SARA (Superfund Amendments and Reauthorization Act) TITLE III:

Section 302 Extremely Hazard Substances:

<u>Chemical Name</u>	<u>CAS Number</u>
Urea	57-13-6

Section 311/312 Hazards Category: (See Section 2):

New categories based on:

https://www.epa.gov/sites/production/files/2016-06/documents/haz_cats_tech_amend_factsheet_final_06-16-016.pdf

Physical Hazards: None

Health Hazards:

Eye (Serious Damage/Irritation): Category 2B

Skin (Corrosion/Irritation): Category 3

Previous categories for Section 311/312:

Acute Health:	Yes
Chronic Health:	Yes
Fire:	No
Reactive:	No
Sudden Release of Pressure:	No

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Section 313:

<u>Chemical Name</u>	<u>CAS Number</u>
Chlorothalonil	1897-45-6
Ammonium hydroxide	1336-21-6

RCRA: Discarded material is classified as a solid nonhazardous waste per 40 CFR 261.20-24.

California Proposition 65:



WARNING: This product can expose you to chemicals including [ACRYLAMIDE (CAS 79-06-1)], which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go www.P65Warnings.ca.gov.

[Other Prop 65 components may be present in the product.]

State Right-To-Know:

<u>Chemical</u>	<u>CAS Number</u>	<u>State(s)</u>
Trimethylpentanediol Monoisobutyrate	25265-77-4	New Jersey, Pennsylvania
Bicyclic Oxazolidines	Mixture	New Jersey, Pennsylvania
Ammonium hydroxide	1336-21-6	New Jersey, Massachusetts, Pennsylvania
Urea	57-13-6	Minnesota, Texas
Silica, Amorphous	112926-00-8	New Jersey
Chlorothalonil	1897-45-6	New Jersey, Pennsylvania

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

Section 16 – Other Information

HMIS: Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: E

NFPA: Health: 1 Flammability: 0 Reactivity: 0 Special: None

HMIS Classification and NFPA Rating:

0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

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Abbreviations:

< = Less Than > = Greater Than

Trace = is less than 0.01 % or 100 ppm

ADR/RID = Agreement on Dangerous Goods by Road/Regulations concerning the International Transport of Dangerous Goods by Rail **AICS** = Australian Inventory of Chemical Substances **ASTM** = American Society for the Testing of Materials **bw** = body weight **CAS Number** = Chemical Abstracts Service Registry **CERCLA** = Comprehensive Environmental Response, Compensation, and Liability Act **CMR** = Carcinogen, Mutagen or Reproductive Toxicant **DIN** = Standard of the German Institute for Standardisation **DOT** = Department of Transportation **DSL** = Domestic Substances List (Canada) **EC_x** = Concentration associated with x% response **EHS** = Extremely Hazardous Substance **EINECS/ELINCS** = European Inventory of Existing Commercial Chemical Substances/European List of Notified Chemical Substances **EL_x** = Loading rate associated with x% response **EmS** = Emergency Schedule **ENCS** = Existing and New Chemical Substances (Japan) **ErC_x** = Concentration associated with x% growth rate response **ERG** = Emergency Response Guide **GHS** = Global Harmonization System **GLP** = Good Laboratory Practice **HMIS** = Hazardous Material Identification System **IARC** = The International Agency for Research on Cancer **IATA** = International Air Transportation Association **IBC** = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk **IC₅₀** = Half maximal inhibitory concentration **ICAO** = International Civil Aviation Organization **IECSC** = Inventory of Existing Chemical Substances in China **IMDG** = International Maritime Dangerous Goods **IMO** = International Maritime Organization **ISHL** = Industrial Safety and Health Law (Japan) **ISO** = International Organisation for Standardisation **KECI** = Korea Existing Chemicals Inventory **LC₅₀** = Lethal Concentration of 50% of a test population **LD₅₀** = Lethal Dose of 50% of a test population (Median Lethal Dose) **MARPOL** = International Convention for the Prevention of Pollution from Ships **MSHA** = Mine Safety and Health Administration **n.o.s.** = Not Otherwise Specified **NFPA** = National Fire Protection Association **NIOSH** = National Institute for Occupational Safety and Health **NO(A)EC** = No Observed (Adverse) Effect Concentration **NO(A)EL** = No Observed (Adverse) Effect Level **NOELR** = No Observed (Adverse) Effect Loading Rate **NTP** = National Toxicology Program **NZIoC** = New Zealand Inventory of Chemicals **OECD** = Organization for Economic Co-operation and Development **OPPTS** = Office of Chemical Safety and Pollution Prevention **OSHA** = Occupational Safety and Health Administration **PBT** = Persistent, Bioaccumulative and Toxic Substances **PEL** = Permissible Exposure Limits **PICCS** = Philippines Inventory of Chemicals and Chemical Substances **PPM** = Parts Per Million **(Q)SAR** = (Quantitative) Structure Activity Relationship **RCRA** = Resource Conservation and Recovery Act **REACH** = Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals **RQ** = Reportable Quantity **SADT** = Self-Accelerating Decomposition Temperature **SARA** = Superfund Amendments and Reauthorization Act **SDS** = Safety Data Sheet **STEL** = Short Term Exposure Limits **TCSI** = Taiwan Chemical Substances Inventory **TLV** = Threshold Limit Value **TSCA** = Toxic Substances Control Act (United States) **TWA** = Time Weighted Average **UN** = United Nations **UNRTDG** = United Nations Recommendations on the Transport of Dangerous Goods **vPvB** = Very Persistent and Very Bioaccumulative

Sources of key data used to compile the Safety Data Sheet:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS) (Rev.6) (2015)

http://www.unece.org/trans/danger/publi/ghs/ghs_rev06/06files_e.html

Occupational Safety and Health Administration (OSHA)

https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=standards&p_id=10099

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Prepared by:

Tower Sealants TowerSealants.com

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 is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.