



# GemSeal® ZoomFlex Latex

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Date of issue: 03/2019

Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name: ZoomFlex Sealer Additive

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Various.

#### 1.3. Details of the supplier of the safety data sheet

GemSeal Pavement Products  
3700 Arco Corporate Drive, Suite 425  
Charlotte, NC 28273 - USA  
T 866-264-8273 Tech Service: Monday - Friday; 8:00am - 5:00pm EST

#### 1.4. Emergency telephone number

Emergency number: CHEMTREC (800)424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Carcinogenicity 2

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US):



GHS08

Signal word (GHS-US): Warning

Hazard statements (GHS-US): Suspected of causing cancer

Precautionary statements (GHS-US): Wash hands thoroughly after handling. Wear protective gloves/eye protection. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixture

Name	CAS No.	%
Asphalt Residual	08052-42-4	<10.00%
Water	7732-18-5	<15.00%
Synthetic Polymer	NA Mixture	<75.00%
2-Propanol	67-63-0	<5.00%
Carbon black	1333-86-4	<5.00%

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact: If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

First-aid measures after eye contact: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

First-aid measures after ingestion: If conscious, give 1 to 2 glasses of milk or water, induce vomiting, and call a physician. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

### 4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water, all-purpose (ABC) dry chemical, CO2 foam.
Special Fire Fighting Procedures	: Although this material will not burn, if it is in the fire area, an approved, self-contained breathing apparatus should be worn to prevent exposure to thermal decomposition products and residual.
Unusual Fire and Explosion Hazards	: Non-flammable in emulsion state.
Note	: In asphalt state: Small fires – use dry chemical, CO2, Halon water spray or standard foam. Large fires – use water spray, fog, or standard foam.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Cautionary measures	: Remove all ignition sources.
Precaution	: Avoid breathing vapors. Avoid prolonged or repeated skin contact. Open all windows and doors. Keep out of sewers and water sources.
Protective equipment	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Methods and material for containment and cleaning up

For containment	: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for cleaning up	: Scoop up material and place in a disposal container.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands before eating, drinking or smoking. Launder contaminated clothing before reuse.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep out of the reach of children. Keep container closed when not in use. Do not handle or store near heat, sparks, or open flame or strong oxidants.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Asphalt Residual (08052-42-4)		
USA ACGIH	ACGIH TLV (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (fume)
USA OSHA	OSHA PEL (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
2-Propanol (67-63-0)		
USA ACGIH	ACGIH TLV (mg/m <sup>3</sup> )	400 ppm 500 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> ) OSHA PEL (STEL)	400 ppm 500 ppm
Carbon black (1333-86-4)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	3.5 mg/m <sup>3</sup>

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### 8.2. Exposure controls

Appropriate engineering controls	: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection	: Use rubber gloves as needed.
Eye protection	: Safety glasses or goggles are recommended when using product.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, use a NIOSH approved respirator.
Work / Hygienic Practices	: Wash skin and exposed clothing thoroughly with soap and water after use.
Other information	: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Black.
Odor	: None.
Odor threshold	: No data available.
pH	: No data available.
Evaporation rate (Butyl acetate=1)	: Water.
Melting point	: No data available.
Freezing point	: No data available.
Boiling point	: 212 °F.
Flash point	: No data available.
Self-ignition temperature	: No data available.
Decomposition temperature	: No data available.
Flammability	: Not flammable.
Vapor pressure	: No data available.
Vapor density (Air = 1)	: Heavier.
Specific Gravity (H <sub>2</sub> O = 1)	: 1.1.
Solubility in Water	: Soluble.
Explosive properties	: No data available.
Oxidizing properties	: No data available.
Explosive limits	: No data available.

## SECTION 10: Stability and reactivity

Conditions to avoid	: Avoid heat, sparks, or open flames.
Incompatibility (Materials to avoid)	: Any strong oxidizing agent.
Hazardous polymerization	: Will not occur.
Stability	: Stable.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: No data available.
Carcinogenicity	: Suspected of causing cancer.
NTP	: No.
OSHA regulated	: No.
Germ cell mutagenicity	: No data available.
Reproductive toxicity	: No data available.
Skin	: May cause light to mild irritation.
Eyes	: May cause mild irritation.
Respiratory	: May cause dizziness, headache, nausea.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Not established.

#### 12.2. Persistence and degradability

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Persistence and degradability : Not established.

#### 12.3. Bioaccumulative potential

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Bioaccumulative potential : Not established.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

### SECTION 14: Transport information

In accordance with DOT

#### 14.1. UN number

Not applicable

#### 14.2. UN proper shipping name

Not applicable

#### 14.3. Additional information

Other information : No supplementary information available.

Special transport precautions : Do not handle until all safety precautions have been read and understood.

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### SECTION 16: Other information

NFPA CODES



Indication of changes : None

Other information : None

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*