



## Safety Data Sheet



### Section 1: Identification

#### Product identifier

- Product Name** • **FortiCel / FortiCel Crawlspace – CT 10169-2**
- Product Code** • Product Literature Code: 30-50-092
- Product Description** • FortiCel is a blue liquid with a characteristic ammonia odor. FortiCel Crawlspace is a white liquid with a characteristic ammonia odor.

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

- Recommended use** • Mold Prevention Coating

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

- Manufacturer** • CertainTeed Corporation  
750 E. Swedesford Road  
P.O. Box 860 Valley Forge, PA 19482-0105  
United States  
www.certainteed.com  
Building.Solutions@saint-gobain.com
- Telephone (Technical)** • (610) 341-7000 - 9 AM – 5 PM (Eastern Time – USA)

#### Emergency telephone number

- Manufacturer** • (800) 424-9300 - Chemtrec
- Manufacturer** • (703) 527-3887 - Outside of the U.S. Chemtrec

#### Key to abbreviations

‡ = HMIS is a registered trademark of the American Coatings Association

### Section 2: Hazard Identification

#### United States (US)

According to OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

- OSHA HCS 2012** • Not classified

#### Label elements

**OSHA HCS 2012**

- Hazard statements** • No label element(s) required

#### Other hazards

- OSHA HCS 2012** • Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard) this product does not meet the criteria of a hazardous chemical.

#### Canada

According to WHMIS

**Classification of the substance or mixture****WHMIS**

- Not classified

**Label elements****WHMIS**

- No label element(s) required

**Other hazards****WHMIS**

- In Canada, the product mentioned above does not meet the criteria to be considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

**Section 3 - Composition/Information on Ingredients****Substances**

- Material does not meet the criteria of a substance.

**Mixtures**

- No hazardous ingredients present at or above regulatory indicated thresholds.

**Section 4: First-Aid Measures****Description of first aid measures****Inhalation**

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

**Skin**

- Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

**Eye**

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.

**Ingestion**

- If ingested, give 2 glasses of water for dilution. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

**Most important symptoms and effects, both acute and delayed**

- Refer to Section 11 - Toxicological Information.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

**Section 5: Fire-Fighting Measures****Extinguishing media****Suitable Extinguishing Media**

- Carbon dioxide, water, water fog, dry chemical, chemical foam.

**Unsuitable Extinguishing Media**

- No data available.

**Special hazards arising from the substance or mixture**

**Unusual Fire and Explosion Hazards****Hazardous Combustion Products****Advice for firefighters**

- Some may burn but none ignite readily.
- Smoke, fumes or vapors, oxides of carbon.
- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA). Cool fire exposed containers with water to prevent rupture due to steam buildup. Floor will become slippery if material is released.

## Section 6 - Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

- Do not touch or walk through spilled material. Stay upwind.

**Emergency Procedures**

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Ventilate closed spaces before entering. Keep out of low areas. Keep unauthorized personnel away.

**Environmental precautions**

- Runoff from fire control may cause pollution.

**Methods and material for containment and cleaning up****Containment/Clean-up Measures**

- Stop leak if you can do it without risk. Wash small spills to sanitary sewer. LARGE SPILLS: Dike for later disposal and cover with wet sand or earth.

## Section 7 - Handling and Storage

**Precautions for safe handling****Handling**

- Avoid inhalation of vapor or mist. Use good safety and industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities****Storage**

- Store in a cool, dry, well ventilated area. Keep container closed when not in use. Protect from extreme temperatures.

## Section 8 - Exposure Controls/Personal Protection

**Control parameters****Exposure Limits/Guidelines**

- No information available for product or components.

**Exposure controls****Engineering Measures/Controls**

- Use local exhaust ventilation to maintain airborne concentrations below the TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it.

**Personal Protective Equipment****Respiratory**

- In case of insufficient ventilation, wear suitable respiratory equipment.

**Eye/Face**

- Wear protective eyewear (goggles, face shield, or safety glasses).

**Skin/Body**

- Wear appropriate gloves.

**General Industrial Hygiene Considerations**

- Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls**

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Blue or white liquid with ammonia odor.
Color	Blue (FortiCel) White (FortiCel Crawlspace)	Odor	Ammonia
Odor Threshold	No data available		
General Properties			
Boiling Point	212 F(100 C)	Melting Point	32 F(0 C)
Decomposition Temperature	No data available	pH	8.7 to 9.1
Specific Gravity/Relative Density	1 to 1.06 Water=1	Water Solubility	No data available
Viscosity	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	1 Air=1
Evaporation Rate	1 Water = 1		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	Not flammable.		
Environmental			
Octanol/Water Partition coefficient	No data available		

## Section 10: Stability and Reactivity

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable

### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### Conditions to avoid

- Extreme temperatures.

### Incompatible materials

- Strong acids and strong oxidizing agents.

### Hazardous decomposition products

- In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

## Section 11 - Toxicological Information

### Information on toxicological effects

#### Other Material Information

- Toxicological information is not available for the material as a whole, but is provided for applicable components.

Component Name	CAS	Data
Ammonium hydroxide (< 0.4%)	1336-21-6	<b>Acute Toxicity:</b> orl-rat LD50:350 mg/kg; ihl-hmn TClO:408 ppm; <b>Irritation:</b> eye-rbt 44 ug SEV
<b>GHS Properties</b>		<b>Classification</b>
<b>Acute toxicity</b>		OSHA HCS 2012 • No data available
<b>Aspiration Hazard</b>		OSHA HCS 2012 • No data available
<b>Carcinogenicity</b>		OSHA HCS 2012 • No data available
<b>Germ Cell Mutagenicity</b>		OSHA HCS 2012 • No data available
<b>Skin corrosion/Irritation</b>		OSHA HCS 2012 • No data available
<b>Skin sensitization</b>		OSHA HCS 2012 • No data available
<b>STOT-RE</b>		OSHA HCS 2012 • No data available
<b>STOT-SE</b>		OSHA HCS 2012 • No data available
<b>Toxicity for Reproduction</b>		OSHA HCS 2012 • No data available
<b>Respiratory sensitization</b>		OSHA HCS 2012 • No data available
<b>Serious eye damage/Irritation</b>		OSHA HCS 2012 • No data available

## Potential Health Effects

### Inhalation

- Acute (Immediate)**
  - Inhalation of spray or mist may cause nasal, throat or lung irritation.
- Chronic (Delayed)**
  - No data available.

### Skin

- Acute (Immediate)**
  - Prolonged or repeated exposure may cause slight irritation.
- Chronic (Delayed)**
  - No data available.

### Eye

- Acute (Immediate)**
  - May cause irritation.
- Chronic (Delayed)**
  - No data available.

### Ingestion

- Acute (Immediate)**
  - May cause gastric distress, vomiting and diarrhea.
- Chronic (Delayed)**
  - No data available.

#### Key to abbreviations

LD = Lethal Dose

SEV = Severe

TC = Toxic Concentration

## Section 12 - Ecological Information

### Toxicity

- Material data lacking.

### Persistence and degradability

- Material data lacking.

### Bioaccumulative potential

- Material data lacking.

## Mobility in Soil

- Material data lacking.

## Other adverse effects

- No studies have been found.

## Section 13 - Disposal Considerations

### Waste treatment methods

#### Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

#### Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

#### Special precautions for user

- None known.

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

## Section 15 - Regulatory Information

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

SARA Hazard Classifications • No data available

State Right To Know				
Component	CAS	MA	NJ	PA
Ammonium hydroxide	1336-21-6	Yes	Yes	Yes

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Ammonium hydroxide	1336-21-6	Yes	No	Yes

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

- Ammonium hydroxide 1336-21-6 E

#### Canada - WHMIS - Ingredient Disclosure List

- Ammonium hydroxide 1336-21-6 1 %

## United States

### Environment

#### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

- Ammonium hydroxide 1336-21-6 1000 lb final RQ; 454 kg final RQ

## Section 16 - Other Information

### Last Revision Date

- 15/July/2013

### Preparation Date

- 22/Mar/2011

### Disclaimer/Statement of Liability

- Reasonable care has been taken in the preparation of this information, but the supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data Sheet before handling product.

### Key to abbreviations

NDA = No Data Available