





**SAFETY DATA SHEET  
670 CRACK FILL BINDER PART A**

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name:</b> CRACK FILL BINDER PART A	<b>Product Use:</b> MOISTURE MITIGATION COMPONENT
<b>Manufacturer's Name:</b> Concure Systems	<b>Emergency Telephone:</b> 480-820-7171
<b>Address:</b> Phx, AZ	<b>Telephone Number:</b> 480-820-7171
<b>Date Prepared:</b> DECEMBER 2014	<b>Date Updated:</b> March 1, 2017

**SECTION 2: HAZARDS IDENTIFICATION**

<b>HAZARD CLASSIFICATION</b>	
	
Skin Irritant 2 Eye Irritant 2 Skin Sensitization 1	GHS07 H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction
<b>LABEL ELEMENTS</b>	
<b>Hazard Pictogram:</b>	
	
<b>Signal Word:</b> Danger	
<b>Hazard Statements:</b> Irritant.	
H315 – Causes skin irritation.	
H317 – May cause an allergic skin reaction.	
H317 – Causes serious eye damage.	
H332 – Harmful if inhaled.	
H335 – May cause respiratory irritation.	
<b>Precautionary Statements:</b>	
P101 – If medical advice is needed, have product container or label at hand.	
P102 – Keep out of reach of children.	
P202 – Do not handle until all safety precautions have been read and understood.	
P233 – Keep container tightly closed.	
P234 – Keep only in original container.	
P260 – Do not breathe dust/fume/gas/mist/vapors/spray.	
P262 – Do not get in eyes, on skin, or on clothing.	
P264 – Wash thoroughly with plenty of water immediately after handling.	
P270 – Do not eat, drink or smoke when using this product.	

**CONCURE 670 CRACK FILL PART A SAFETY DATA SHEET**

P271 – Use only outdoors or in a well-ventilated area.  
 P273 – Avoid release to the environment and drains.  
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
 P284 – Wear respiratory protection.  
 P314 – Get medical advice/attention if you feel unwell.  
 P391 – Collect spillage.  
 P402 + P404 – Store in a dry place. Store in a closed container.  
 P403 + P233 – Store in a well-ventilated place. Keep container tightly closed.  
 P405 – Store locked up.  
 P501 – Dispose of contents and container as hazardous waste in accordance with all local, regional, national and international regulations.

**ADDITIONAL INFORMATION**

**Hazards not otherwise classified:** Not applicable.  
 2.0 % of the mixture consists of ingredient(s) of unknown acute toxicity.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

<b>MATERIAL OR INGREDIENT</b>	<b>CAS #</b>	<b>WT. %</b>
Aqua Ammonia	1336-21-6	< 0.1 %
Exact composition percentage/concentration has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.		

**SECTION 4: FIRST-AID MEASURES**

**DESCRIPTION OF THE FIRST AID MEASURE**

P301 + P310 + P330 + P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
 P302 + P352 + P361 – IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get immediate medical advice/attention.  
 P304 + P311 + P340 + P341 + P342 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
 P305 + P313 + P337 + P338 + P351 – IF IN EYES: 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.  
 P306 + P360 – IF ON CLOTHING: Immediately rinse contaminated clothing and skin with plenty of water before removing clothes.  
 P314 – Get medical advice/attention if you feel unwell.

**IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**Eye:** May cause moderate eye irritation.  
**Skin:** Brief contact may cause moderate skin irritation with local redness. Prolonged skin contact is unlikely to result in absorption of harmful amounts. Has caused allergic skin reactions in humans.  
**Inhalation:** At room temperature, exposure to vapor is minimal due to low volatility. Vapor from heated material, mist or aerosols may cause respiratory irritation.  
**Ingestion:** Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.  
**Chronic Health Hazard:** This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED**

**Note to Physicians:** Symptoms may not appear immediately. Corticosteroid cream has been effective in treating skin irritation.  
**Specific Treatments:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. In case of accident or if you feel unwell, seek medical advice immediately (provide label or SDS).

**SECTION 5 – FIRE-FIGHTING MEASURES**

**FLAMMABILITY**

**Flammability:** Not flammable by WHMIS/OSHA criteria.

**EXTINGUISHING MEDIA**

**Suitable Extinguishing Media:** Use extinguishing media appropriate for the surrounding fire. Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam.

**SPECIAL HAZARDS ARISING FROM THE CHEMICAL**

**Products of Combustion:** During a fire, smoke may contain combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Styrene monomers. Acrylic monomers. Carbon monoxide. Carbon dioxide. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

**Explosion Data:**

**Sensitivity to Mechanical Impact:** Not available.

**Sensitivity to Static Discharge:** Not available.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS**

Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Fight fire from protected location or safe distance. Contain fire water run-off if possible. Firewater run-off may cause environmental damage.

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves and eye/face protection. Open enclosed spaces to outside atmosphere. Evacuate personnel to safe areas and do not approach spilled product. If possible, stop flow of product.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN - UP**

**Methods for Containment:** Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. High pH of this material is harmful to aquatic life.

**Methods for Cleaning-Up:** Contain spilled material if possible. Absorb with materials such as: Sand. Vermiculite. Clay. Natural fiber products. Synthetic fiber products. Remove residual with soap and hot water. Collect in suitable and properly labeled containers. Provide adequate ventilation.

**SECTION 7: HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING**

**Handling:** Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Do not swallow. Do not breathe vapor or mist. Wash thoroughly after handling.

**General Hygiene Advice:** Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

**Storage:** Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in air-tight labeled containers. Keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Store in a temperature controlled area between 10°C (50°F) and 30°C (90°F).

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

CONTROL PARAMETERS		
Exposure Guidelines		
	Occupational Exposure Limits	
Ingredient	OSHA-PEL	ACGIH-TLV
Aqua Ammonia	35 mg/m <sup>3</sup> TWA 27 mg/m <sup>3</sup> STEL	25 ppm TWA 35 ppm STEL
EXPOSURE CONTROLS		
<p><b>Engineering Controls:</b> Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.</p>		
INDIVIDUAL PROTECTIVE MEASURES		
<p><b>Personal Protective Equipment:</b></p> <p><b>Eye/Face Protection:</b> Wear approved face (face shield) protection or properly fitted splash-proof chemical safety goggles.</p> <p><b>Skin Protection:</b></p> <p><b>Hand Protection:</b> Wear suitable impervious Neoprene gloves, PVC disposable gloves, or Nitrile rubber gloves.</p> <p><b>Body Protection:</b> Wear suitable protective clothing.</p> <p><b>Respiratory Protection:</b> A NIOSH approved Mist Respirator or filtering facepiece. Respirators should be selected by and used under the direction of a trained health and safety professional following OSHA and ANSI requirement standards.</p> <p><b>General Health and Safety Measures:</b> Handle according to established industrial hygiene and safety practices.</p>		

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Liquid
Color	Milky White / Off-White
Odor	Mild Ammonia Odor
pH	10 to 12
Melting Point/Freezing Point	1°C (34°F)
Initial Boiling Point and Boiling Range	100°C (212°F)
Flash Point	> 122 °C (Setaflash Closed Cup)
Evaporation Rate	Not Available
Flammability	Non Flammable
Lower Flammability/Explosive Limit	Not Available
Upper Flammability/Explosive Limit	Not Available
Vapor Pressure	Not Available
Vapor Density	Not Available
Relative Density/Specific Gravity	1.0 to 1.1
Solubility	Partial
Partition coefficient: n-octanol/water	Not Available
Auto-Ignition Temperature	Not Available
Decomposition Temperature	Not Available
Oxidizing Properties	No
Explosive Properties	No

**SECTION 10: STABILITY AND REACTIVITY**

**REACTIVITY**

Stable under normal conditions and conditions of normal use.

**CHEMICAL STABILITY**

Stable under normal storage conditions and conditions of normal use.

**POSSIBILITY OF HAZARDOUS REACTIONS**

No dangerous reaction known under conditions of normal use. Hazardous polymerization will not occur.

**CONDITIONS TO AVOID**

Avoid temperatures above 177°C (350°F). Toxic decomposition products may be formed.

**INCOMPATIBLE MATERIALS**

Strong oxidizers. Strong mineral acids.

**HAZARDOUS DECOMPOSITION PRODUCTS**

May include, and are not limited to: acrylic monomers, oxides of carbon and nitrogen.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**INFORMATION ON TOXICOLOGICAL EFFECTS**

**Likely Routes of Exposure:** Skin contact, skin absorption, eye contact, inhalation, and ingestion.

**Symptoms related to physical/chemical/toxicological characteristics:**

**Eye:** May cause serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Skin:** Symptoms may include redness, edema, drying, defatting and cracking of the skin. Do not allow continuous, prolonged contact with skin. May cause sensitization by skin contact.

**Inhalation:** May cause respiratory tract irritation.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Acute Toxicity:**

Ingredient	LC50	LD50
Aqua Ammonia	1 hr. Aerosol 9.85 mg/L, rat	Oral 350 mg/kg, rat

Calculated overall Chemical Acute Toxicity Values		
LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
Not available.	Not available.	Not available.

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*
Aqua Ammonia	Not listed.

(\* See Section 15)

**DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT-TERM AND LONG-TERM EXPOSURE**

**Skin Corrosion/Irritation:** May cause skin irritation.

**Serious Eye Damage/Irritation:** May cause serious eye damage.

**Respiratory Sensitization:** Based on available data, the classification criteria are not met.

**Skin Sensitization:** May cause an allergic skin reaction.

**STOT-Single Exposure:** May cause respiratory irritation.

**Chronic Health Effects:**

**Carcinogenicity:** Not hazardous by WHMIS/OSHA criteria.

**Germ Cell Mutagenicity:** Not hazardous by WHMIS/OSHA criteria.

## CONCURE 670 CRACK FILL PART A SAFETY DATA SHEET

### Reproductive Toxicity:

**Developmental:** Based on available data, the classification criteria are not met.

**Teratogenicity:** Not hazardous by WHMIS/OSHA criteria.

**Embryotoxicity:** Not hazardous by WHMIS/OSHA criteria.

**Fertility:** Based on available data, the classification criteria are not met.

**STOT-Repeated Exposure:** Not available.

**Aspiration Hazard:** Based on available data, the classification criteria are not met.

**Toxicologically Synergistic Materials:** Not available.

**Other Information:** Not available.

## SECTION 12: ECOLOGICAL INFORMATION

### ECOTOXICITY

**Acute/Chronic Toxicity:** May cause long-term adverse effects in the aquatic environment.

Toxicity to fish - Components

Aqua Ammonia LC50 (96 h): 0.89 mg/l.

Toxicity to aquatic invertebrates - Components

Aqua Ammonia LC50 (48 h): 101 mg/l.

### PERSISTENCE AND DEGRADABILITY

Not available.

### BIOACCUMULATIVE POTENTIAL

**Bioaccumulation:** Not available.

### MOBILITY IN SOIL

Not available.

### OTHER ADVERSE EFFECTS

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

**Disposal Method:** This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

**Other Disposal Recommendations:** Not available

## SECTION 14: TRANSPORT INFORMATION

### UN NUMBER

Not regulated.

### UN PROPER SHIPPING NAME

Not applicable.

### TRANSPORT HAZARD CLASS (ES)

Not applicable.

### ENVIRONMENTAL HAZARDS

Not available.

### SPECIAL PRECAUTIONS

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

## SECTION 15: REGULATORY INFORMATION

### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

**CONCURE 670 CRACK FILL PART A SAFETY DATA SHEET**

SARA Title III				
Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Aqua Ammonia	None.	None.	1000	1336-21-6

**California Proposition 65:** This product does not contain chemicals known to the state of California to cause cancer.

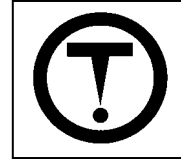
**WHMIS Classification(s):**

- Class D2A - Chronic Toxic Effects
- Class D2B - Skin/Eye Irritant

**TSCA:**

Ingredient	USA TSCA LISTED
Aqua Ammonia	Yes.

**WHMIS Hazard Symbols:**



NFPA National Fire Protection Association	
Health:	2
Fire:	0
Reactivity:	0

HMIS-Hazardous Materials Identification System	
Health:	2*
Fire:	0
Reactivity:	0

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

**\* SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

- CP65**                      **California Proposition 65**
- OSHA (O)**                **Occupational Safety and Health Administration.**
- ACGIH (G)**               **American Conference of Governmental Industrial Hygienists.**
  - A1 - Confirmed human carcinogen.
  - A2 - Suspected human carcinogen.
  - A3 - Animal carcinogen.
  - A4 - Not classifiable as a human carcinogen.
  - A5 - Not suspected as a human carcinogen.
- IARC (I)**                    **International Agency for Research on Cancer.**
  - 1 - The agent (mixture) is carcinogenic to humans.
  - 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
  - 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
  - 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
  - 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
- NTP (N)**                    **National Toxicology Program.**
  - 1 - Known to be carcinogens.
  - 2 - Reasonably anticipated to be carcinogens.

**SECTION 16: OTHER INFORMATION**

<b>Date of Preparation:</b>	December 22, 2014
<b>Version:</b>	1701
<b>Revision Date:</b>	January 2, 2017
<b>Prepared by:</b>	

**Disclaimer:** We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.





## SAFETY DATA SHEET 670 CRACK FILL BINDER PART B

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b> 670 CRACK FILL BINDER PART B	<b>Product Use:</b> MOISTURE MITIGATION COMPONENT
<b>Manufacturer's Name:</b> Concure Systems	<b>Emergency Telephone:</b> 480-820-7171
<b>Address:</b> Phx, AZ	<b>Telephone Number:</b> 480-820-7171
<b>Date Prepared:</b> DECEMBER 2014	<b>Date Updated:</b> March 1, 2017

### SECTION 2: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION	
	<p>GHS05 Corrosion                      H315 Causes skin irritation.                      H318 Causes serious eye damage.</p>
	<p>GHS07                      Acute Toxicity 4 H302 Harmful if swallowed.                      Acute Toxicity 4 H332 Harmful if inhaled.                      Skin Sensitization 1 H317 May cause an allergic skin reaction                      Carcinogenicity 1A H350.A May cause cancer if inhaled.</p>

**LABEL ELEMENTS**

**Hazard Pictogram:**



**Signal Word:** Danger

**Hazard Statements:** Corrosive. Harmful. Irritant.

- H315 – Causes skin irritation.
- H317 – May cause an allergic skin reaction.
- H318 – Causes serious eye damage.
- H332 – Harmful if inhaled.
- H335 – May cause respiratory irritation.
- H350.A – May cause cancer if inhaled.
- H372.A – Causes damage to organs through prolonged or repeated exposure if inhaled.



**CONCURE 670 CRACK FILL BINDER PART B SAFETY DATA SHEET**

**Precautionary Statements:**

- P101 – If medical advice is needed, have product container or label at hand.
- P102 – Keep out of reach of children.
- P202 – Do not handle until all safety precautions have been read and understood.
- P233 – Keep container tightly closed.
- P234 – Keep only in original container.
- P260 – Do not breathe dust/fume/gas/mist/vapors/spray.
- P262 – Do not get in eyes, on skin, or on clothing.
- P264 – Wash thoroughly with plenty of water immediately after handling.
- P270 – Do not eat, drink or smoke when using this product.
- P271 – Use only outdoors or in a well-ventilated area.
- P280 – Wear protective gloves/protective clothing/eye protection/face protection.
- P284 – Wear respiratory protection.
- P314 – Get medical advice/attention if you feel unwell.
- P363 – Wash contaminated clothing before reuse.
- P391 – Collect spillage.
- P402 + P404 – Store in a dry place. Store in a closed container.
- P405 – Store locked up.
- P501 – Dispose of contents and container as hazardous waste in accordance with all local, regional, national and international regulations.

**ADDITIONAL INFORMATION**

**Hazards not otherwise classified:** Not applicable.  
 8.0 % of the mixture consists of ingredient(s) of unknown acute toxicity.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

MATERIAL OR INGREDIENT	CAS #	WT. %
Silica, crystalline, quartz	14808-60-7	50-70
Portland Cement	65997-15-1	30-50

Substances listed in the Sections 8, 11 and 15 that are not listed in Section 2 are only present at quantities below 0.1% for California Proposition 65 listed toxins and noncarcinogenic pollutants or are inextricably bound in the product. Exact composition percentage/concentration has been withheld as a trade secret in accordance with paragraph (i) of § 1910.1200.

**SECTION 4: FIRST-AID MEASURES**

**DESCRIPTION OF THE FIRST AID MEASURE**

- P301 + P310 + P330 + P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
- P302 + P352 + P361 – IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get immediate medical advice/attention.
- P304 + P311 + P340 + P341 + P342 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- P305 + P313 + P337 + P338 + P351 – IF IN EYES: 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.
- P306 + P360 – IF ON CLOTHING: Immediately rinse contaminated clothing and skin with plenty of water before removing clothes.
- P314 – Get medical advice/attention if you feel unwell.

**IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**Eye:** Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns in the presence of moisture.

**Skin:** Causes skin irritation. May cause burns in the presence of moisture. Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause sensitization by skin contact.

## CONCURE 670 CRACK FILL BINDER PART B SAFETY DATA SHEET

**Inhalation:** May cause respiratory tract irritation. May cause burns in the presence of moisture.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

**Note to Physicians:** Symptoms may not appear immediately.

**Specific Treatments:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

## SECTION 5 – FIRE-FIGHTING MEASURES

### FLAMMABILITY

**Flammability:** Not flammable by WHMIS/OSHA criteria.

### EXTINGUISHING MEDIA

**Suitable Extinguishing Media:** Treat for surrounding material. Powder, water spray, foam, carbon dioxide.

**Unsuitable Extinguishing Media:** Not available.

### SPECIAL HAZARDS ARISING FROM THE CHEMICAL

**Products of Combustion:** May include, and are not limited to: oxides of carbon, nitrogen and sulfur.

**Explosion Data: Sensitivity to Mechanical Impact:** Not available.

**Sensitivity to Static Discharge:** Not available.

### SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN - UP

**Methods for Containment:** Contain spill with inert material (sand, vermiculite, etc.) and place in a suitable container. Do not flush to sewer or allow material to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Cleaning-Up:** Vacuum or sweep material and place in a disposal container. Provide adequate ventilation.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**Handling:** Avoid contact with skin and eyes. Do not swallow. Good housekeeping is important to prevent accumulation of dust. Avoid generating dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. Use only in well-ventilated areas. Handle and open container with care. Do not eat or drink when using. Wash hands before eating, drinking, or smoking. (See section 8)

**General Hygiene Advice:** Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage:** Keep out of the reach of children. Store in dust-tight, dry, labeled containers. Keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Do not store in an area equipped with emergency water sprinklers. Use corrosion-resistant structural materials and lighting and ventilation systems in the storage area. (See section 10)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**CONCURE 670 CRACK FILL BINDER PART B SAFETY DATA SHEET**

**CONTROL PARAMETERS**

**Exposure Guidelines**

Ingredient	Occupational Exposure Limits	
	OSHA-PEL	ACGIH-TLV
Silica, crystalline, quartz	((10 mg/m <sup>3</sup> )/(%SiO <sub>2</sub> +2) TWA (resp)) ((30 mg/m <sup>3</sup> )/(%SiO <sub>2</sub> +2) TWA (total)) ((250)/(%SiO <sub>2</sub> +5) mppcf TWA (resp))	0.025 mg/m <sup>3</sup>
Portland cement	15 mg/m <sup>3</sup> (total); 5 mg/m <sup>3</sup> (resp)	1 mg/m <sup>3</sup> (no asbestos and <1% crystalline silica, respirable fraction)
Formaldehyde	0.75 ppm TWA (total)	0.37 mg/m <sup>3</sup> C (ceiling)
Acetaldehyde	200 ppm TWA (total)	25 ppm (ceiling)
Vinyl Chloride	1.0 ppm TWA (total)	1 ppm (ceiling)

**EXPOSURE CONTROLS**

**Engineering Controls:** Use adequate ventilation to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

**INDIVIDUAL PROTECTIVE MEASURES**

**Personal Protective Equipment:**

**Eye/Face Protection:** Wear approved eye (properly fitted dust- or splash-proof chemical safety goggles)/ face (face shield) protection.

**Skin Protection:**

**Hand Protection:** Wear suitable gloves.

**Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

**General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Powder
Color	Gray
Odor	Not Available
Odor Threshold	Not Available
Physical State	Solid
pH	Not Available
Melting Point/Freezing Point	Not Available
Initial Boiling Point and Boiling Range	Not Available
Flash Point	Not Available
Evaporation Rate	Not Available
Flammability	Not Flammable
Lower Flammability/Explosive Limit	Not Available
Upper Flammability/Explosive Limit	Not Available
Vapor Pressure	Not Available
Vapor Density	Not Available
Relative Density/Specific Gravity	2.7 to 2.9
Solubility	Partial
Partition coefficient: n-octanol/water	Not Available

**CONCURE 670 CRACK FILL BINDER PART B SAFETY DATA SHEET**

<b>Auto-Ignition Temperature</b>	Not Available
<b>Decomposition Temperature</b>	Not Available
<b>Viscosity</b>	Not Available
<b>Oxidizing Properties</b>	Not Available
<b>Explosive Properties</b>	Not Available

**SECTION 10: STABILITY AND REACTIVITY**

<b>REACTIVITY</b>
No dangerous reaction known under conditions of normal use.
<b>CHEMICAL STABILITY</b>
Stable under normal storage conditions. Keep dry in storage.
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>
No dangerous reaction known under conditions of normal use.
<b>CONDITIONS TO AVOID</b>
Heat. Incompatible materials. Moisture.
<b>INCOMPATIBLE MATERIALS</b>
Acids. Ammonium salts. Aluminum. Alkalis.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>
May include, and are not limited to: oxides of carbon, sodium, sulfur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>INFORMATION ON TOXICOLOGICAL EFFECTS</b>		
<b>Likely Routes of Exposure:</b> Skin contact, skin absorption, eye contact, inhalation, and ingestion.		
<b>Symptoms related to physical/chemical/toxicological characteristics:</b>		
<b>Eye:</b> Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns in the presence of moisture.		
<b>Skin:</b> Causes skin irritation. May cause burns in the presence of moisture. Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause sensitization by skin contact.		
<b>Inhalation:</b> May cause respiratory tract irritation.		
<b>Ingestion:</b> May be harmful if swallowed. May cause stomach distress, nausea or vomiting.		
<b>Acute Toxicity:</b>		
<b>Calculated overall Chemical Acute Toxicity Values</b>		
<b>LC50 (inhalation)</b>	<b>LD50 (oral)</b>	<b>LD50 (dermal)</b>
Not available.	Not available.	Not available.
<b>Ingredient</b>	<b>Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*</b>	
Silica, crystalline, quartz	G-A2, I-1, N-1, O, CP65	
Portland Cement	G-A4	
Formaldehyde	NTP-R, TLV-A2, EPA-B1, CP65	
Acetaldehyde	2B, A3, CP65	

**CONCURE 670 CRACK FILL BINDER PART B SAFETY DATA SHEET**

Vinyl Chloride	NTP, A1, CP65
(* See Section 15)	

**DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT-TERM AND LONG-TERM EXPOSURE**

**Skin Corrosion/Irritation:** Causes skin irritation.  
**Serious Eye Damage/Irritation:** Causes serious eye damage.  
**Respiratory Sensitization:** Based on available data, the classification criteria are not met.  
**Skin Sensitization:** May cause an allergic skin reaction.  
**STOT-Single Exposure:** May cause respiratory irritation.  
**Chronic Health Effects:**  
     **Carcinogenicity:** May cause cancer.  
     **Germ Cell Mutagenicity:** This product is not classified as a mutagen.  
**Reproductive Toxicity:**  
     **Developmental:** Based on available data, the classification criteria are not met.  
     **Teratogenicity:** Not hazardous by WHMIS/OSHA criteria.  
     **Embryotoxicity:** Not hazardous by WHMIS/OSHA criteria.  
     **Fertility:** Based on available data, the classification criteria are not met.  
**STOT-Repeated Exposure:** Causes damage to organs through prolonged or repeated exposure.  
**Aspiration Hazard:** Based on available data, the classification criteria are not met.  
**Toxicologically Synergistic Materials:** Not available.  
**Other Information:** Not available.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>ECOTOXICITY</b>
<b>Acute/Chronic Toxicity:</b> May cause long-term adverse effects in the aquatic environment.
<b>PERSISTENCE AND DEGRADABILITY</b>
Not available.
<b>BIOACCUMULATIVE POTENTIAL</b>
<b>Bioaccumulation:</b> Not available.
<b>MOBILITY IN SOIL</b>
Not available.
<b>OTHER ADVERSE EFFECTS</b>
Not available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>WASTE TREATMENT METHODS</b>
<b>Disposal Method:</b> This material must be disposed of in accordance with all local, state, provincial, and federal regulations. <b>Other Disposal Recommendations:</b> Not available

**SECTION 14: TRANSPORT INFORMATION**

<b>UN NUMBER</b>
Not regulated.
<b>UN PROPER SHIPPING NAME</b>
Not applicable.
<b>TRANSPORT HAZARD CLASS (ES)</b>
Not applicable.
<b>ENVIRONMENTAL HAZARDS</b>
Not available.

**SPECIAL PRECAUTIONS**

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

**SECTION 15: REGULATORY INFORMATION**

**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL**

SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

**SARA Title III**

<b>Ingredient</b>	<b>Section 302 (EHS) TPQ (lb.)</b>	<b>Section 304 EHS RQ (lb.)</b>	<b>CERCLA RQ (lb.)</b>	<b>Section 313</b>
Silica, crystalline, quartz	Not listed.	Not listed.	Not listed.	Not listed.
Portland Cement	Not listed.	Not listed.	Not listed.	Not listed.
Formaldehyde	500	100	100	50-00-0
Acetaldehyde	Not listed.	Not listed.	1000	75-07-0
Vinyl Chloride	Not listed.	Not listed.	1	75-01-4

**California Proposition 65:** This product contains a chemical known to the state of California to cause cancer.

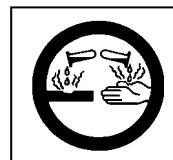
**WHMIS Classification(s):**

- Class D2A – Carcinogenicity
- Class D2A - Chronic Toxic Effects
- Class D2B - Skin/Eye Irritant
- Class E – Corrosive Material

**TSCA:**

<b>Ingredient</b>	<b>USA TSCA LISTED</b>
Silica, crystalline, quartz	Yes.
Portland Cement	Yes.
Formaldehyde	Yes.
Acetaldehyde	Yes.
Vinyl Chloride	Yes.

**WHMIS Hazard Symbols:**



<b>NFPA National Fire Protection Association</b>	
<b>Health:</b>	1
<b>Fire:</b>	0
<b>Reactivity:</b>	0

<b>HMS-Hazardous Materials Identification System</b>	
<b>Health:</b>	2*
<b>Fire:</b>	0
<b>Reactivity:</b>	0

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

**\* SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

- CP65**                      **California Proposition 65**
- OSHA (O)**                **Occupational Safety and Health Administration.**
- ACGIH (G)**                **American Conference of Governmental Industrial Hygienists.**  
 A1 - Confirmed human carcinogen.  
 A2 - Suspected human carcinogen.  
 A3 - Animal carcinogen.  
 A4 - Not classifiable as a human carcinogen.  
 A5 - Not suspected as a human carcinogen.

- IARC (I)**                    **International Agency for Research on Cancer.**  
 1 - The agent (mixture) is carcinogenic to humans.  
 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.  
 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.  
 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.  
 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

<b>NTP (N)</b>	<p><b>National Toxicology Program.</b>                  1 - Known to be carcinogens.                  2 - Reasonably anticipated to be carcinogens.</p>
----------------	---

**SECTION 16: OTHER INFORMATION**

<b>Date of Preparation:</b>	December 22, 2014
<b>Version:</b>	1701
<b>Revision Date:</b>	January 2, 2017
<b>Prepared by:</b>	

**Disclaimer:** We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.