

CONCURE VAPOR BARRIER PART B SAFETY DATA SHEET



**Concure
Products Inc.**

**SAFETY DATA SHEET
VAPOR BARRIER PART B**

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

| | | |
|---|----------|---|
| Product Name: VAPOR BARRIER PART B | ID: #150 | Product Use: MOISTURE MITIGATION COMPONENT |
| Manufacturer's Name: Concure Products, Inc. | | Emergency Telephone: 610-864-8502 |
| Address: 3220 West Sixth Street, Chester, PA 19013 | | Telephone Number: 610-497-0198 |
| Date Prepared: DECEMBER 2014 | | Date Updated: January 2, 2017 |

SECTION 2: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION



GHS05 Corrosion

Skin Irritant 2 H315 Causes skin irritation.

Eye Damage 1 H318 Causes serious eye damage.



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 1AH350.A May cause cancer if inhaled.

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 VAPOR BARRIER 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 VAPOR BARRIER 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)

CONCURE VAPOR BARRIER PART B SAFETY DATA SHEET

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| CONTROL PARAMETERS | | |
|-----------------------------|--|---|
| Exposure Guidelines | | |
| Ingredient | Occupational Exposure Limits | |
| | OSHA-PEL | ACGIH-TLV |
| Silica, crystalline, quartz | ((10 mg/m ³)/(%SiO ₂ +2) TWA (resp)) ((30 mg/m ³)/(%SiO ₂ +2) TWA (total)) ((250)/(%SiO ₂ +5) mppcf TWA (resp)) | 0.025 mg/m ³ |
| Portland cement | 15 mg/m ³ (total); 5 mg/m ³ (resp) | 1 mg/m ³ (no asbestos and <1% crystalline silica, respirable fraction) |
| Formaldehyde | 0.75 ppm TWA (total) | 0.37 mg/m ³ 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 |

CONCURE VAPOR BARRIER PART B SAFETY DATA SHEET

| | |
|---|---------------|
| Partition coefficient: n-octanol/water | Not Available |
| Auto-Ignition Temperature | Not Available |
| Decomposition Temperature | Not Available |
| Viscosity | Not Available |
| Oxidizing Properties | Not Available |
| Explosive Properties | Not Available |

SECTION 10: STABILITY AND REACTIVITY

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

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: 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. | | |
| Inhalation: May cause respiratory tract irritation. | | |
| Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting. | | |
| Acute Toxicity: | | |
| Ingredient | LC50 | LD50 |
| Silica, crystalline, quartz | Not available. | Oral 500 mg/kg, rat |
| Portland Cement | Not available. | Not available. |
| Formaldehyde | Inhalation 250 mg/m ³ , rat (4hr) | Oral 500 mg/kg, rat |
| Acetaldehyde | Inhalation 13300 mg/m ³ , rat (4hr) | Oral 661 mg/kg, rat |
| Vinyl Chloride | Inhalation 18 ppm, rat (15 min) | Oral 500 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)* | |
| Silica, crystalline, quartz | G-A2, I-1, N-1, O, CP65 | |
| Portland Cement | G-A4 | |

CONCURE VAPOR BARRIER PART B SAFETY DATA SHEET

| | |
|----------------|-----------------------------|
| Formaldehyde | NTP-R, TLV-A2, EPA-B1, CP65 |
| Acetaldehyde | 2B, A3, CP65 |
| 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

ECOTOXICITY

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

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.

CONCURE VAPOR BARRIER PART B SAFETY DATA SHEET

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

| SARA Title III | | | | |
|-----------------------------|------------------------------------|---------------------------------|------------------------|--------------------|
| Ingredient | Section 302 (EHS) TPQ (lb.) | Section 304 EHS RQ (lb.) | CERCLA RQ (lb.) | Section 313 |
| 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 |

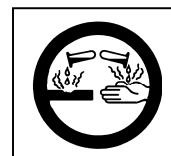
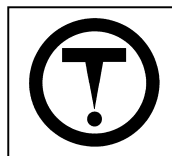
California Proposition 65: This product contains a chemical known to the state of California to cause cancer.

WHMIS Classification(s):

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

TSCA:WHMIS Hazard Symbols:

| Ingredient | USA TSCA LISTED |
|-----------------------------|------------------------|
| Silica, crystalline, quartz | Yes. |
| Portland Cement | Yes. |
| Formaldehyde | Yes. |
| Acetaldehyde | Yes. |
| Vinyl Chloride | Yes. |



| NFPA National Fire Protection Association | |
|--|---|
| Health: | 1 |
| 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.

CONCURE VAPOR BARRIER PART B SAFETY DATA SHEET

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

| | |
|-----------------------------|-------------------|
| Date of Preparation: | December 22, 2014 |
| Version: | 1701 |
| Revision Date: | January 2, 2017 |
| Prepared by: | |

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