SAFETY DATA SHEET
VAPOR BARRIER PART A

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: VAPOR BARRIER PART A 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

GHS07
Skin Irritant 2 H315 Causes skin irritation.
Eye Irritant 2H318 Causes serious eye damage.
Skin Sensitization 1 H317 May cause an allergic skin reaction

LABEL ELEMENTS

Hazard Pictogram:

Signal Word: Danger
Hazard Statements: 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.
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.
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

MATERIAL OR INGREDIENT	CAS #	WT. %
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 heatedmaterial, mist or aerosols may cause respiratory irritation.

Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing smallamounts.

Chronic Health Hazard: This product contains no listed carcinogens according to IARC, ACGIH, NTPand/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 theclinical condition of the patient.In case of accident or if you feel unwell, seek medical advice immediately (providelabel 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. Combustionproducts 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 waterspray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition haspassed. 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 breathingapparatus (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 isnot available, wear full chemical resistant clothing with self-contained breathing apparatus and fight firefrom a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer tothe 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 notapproach spilled product. If possible, stop flow of product.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN - UP

Methods for Containment: Isolate area. Keepunnecessary 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/orgroundwater. 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, andclothing. 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^{O}C (50^{O}F) and 30^{O}C (90^{O}F).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Exposure Guidelines

Occupational Exposure Limits		
Ingredient	OSHA-PEL	ACGIH-TLV
Aqua Ammonia	35 mg/m³ TWA 27 mg/m³ STEL	25 ppm TWA 35 ppm STEL

EXPOSURE CONTROLS

Engineering Controls: Use local exhaust ventilation, or other engineering controls to maintain airborne levelsbelow exposure limit requirements or guidelines. If there are no applicable exposure limitrequirements or guidelines, general ventilation should be sufficient for most operations. Local exhaustventilation may be necessary for some operations.

INDIVIDUAL PROTECTIVE MEASURES

Personal Protective Equipment:

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

Skin Protection:
Hand Protection: Wear suitable impervious Neoprene gloves, PVC disposable gloves, or Nitrile rubber gloves.
Body Protection: Wear suitable protective clothing.

Respiratory Protection: 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 requirementstandards.

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

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^{O}C (34^{O}F)
Initial Boiling Point and Boiling Range	100^{O}C (212^{O}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^{O}C (350^{O}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.

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

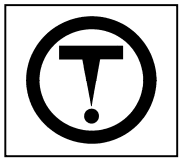
SARA Title III				
Ingredient	**Section 302 (EHS) TPQ (lbs.)**	**Section 304 EHS RQ (lbs.)**	**CERCLA RQ (lbs.)**	**Section 313**
Aqua Ammonia	None.	None.	1000	1336-21-6

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:WHMIS Hazard Symbols:

Ingredient	USA TSCA LISTED
Aqua Ammonia	Yes.



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

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

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