PRODUCT NAME: UNITED BONDING PRIMER
PRODUCT CODE: UBP

~~~~ SECTION 1 ~~~~ MANUFACTURER IDENTIFICATION ~~~~

Manufacturer's Name : UNITED COATINGS MANUFACTURING CO
Address : 19011 EAST CATALDO AVE.
: SPOKANE VALLEY, WASHINGTON 99016-9423
: INITIAL(FIRST CALL)CHEMTREC(800)424-9300
INFORMATION PHONE : (509)926-7143
TOLL FREE : BACKUP(800)541-4383
DATE PRINTED : 5/5/2008
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~~~~ SECTION 2 ~~~~ HAZARDOUS INGREDIENTS/SARA III INFORMATION ~~~~

Reportable Components	CAS Number	MM HG @ Temp		Weight %
Acrylic Polymer	Mixture	17	68F/20C	75

Contains: Aqua Ammonia, CAS#1336-21-6, 0.1%Max,.
OSHA PEL: 50ppm, ACGIH TWA 25 ppm STEL 35ppm
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Water	7732-18-5	UNK	UNK	22

No OEL's Established
~

Acrylic polymer	MIXTURE	NO DATA	NO DATA	1

No exposure guidelines have been established for this product.
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*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

This MSDS may be used for other colors and container sizes of this product.

~~~~ SECTION 3 ~~~~ HAZARDS IDENTIFICATION ~~~~

Potential Health Effects
Eyes:
May cause slight/moderate irritation to the eye
Skin:
Irritating to the skin
Ingestion:
May cause abdominal pain, nausea, vomiting, dizziness and central nervous system depression

Inhalation:
Vapor or spray mist can cause headache, nausea, vomiting and irritation of the nose, throat and lungs

~~~~ SECTION 4 ~~~~ FIRST AID MEASURES ~~~~

Eyes:
Immediately flush eyes with clean, lukewarm water for 15 minutes while lifting eyelids. Consult a physician or ophthalmologist immediately.

Skin:
Immediately wash skin with a generous amount of soap and water. Remove contaminated clothing and shoes and wash before reuse. If irritation persists consult a physician.

Ingestion:
Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician immediately.

Inhalation:
Remove from source of exposure and into fresh air. If symptoms persist consult a physician immediately. If not breathing, give artificial respiration and call emergency medical services immediately.

Note to Physician:
None for this material.

~~~~ SECTION 5 ~~~~ FIRE FIGHTING MEASURES ~~~~

Flammable Properties
Flash Point: N/A
Lower Flammable Limits: N/A
Upper Flammable Limit: N/A
Auto Ignition Temperature: Not available
Extinguishing Media:
Carbon dioxide, dry chemical, foam or water fog.
Special Fire Fighting Procedures:
Do not enter any enclosed or confined fire space without full protective equipment, including self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) to protect against the hazardous effects of combustion products and oxygen deficiency. Use water spray to cool fire exposed structures and to cool fire exposed containers to prevent pressure build-up and possible rupture of container.

~~~~ SECTION 6 ~~~~ ACCIDENTAL RELEASE MEASURES ~~~~

Small Spill:
Always wear appropriate Personal Protective Equipment as you would if you were using this product. Dike and absorb with inert material such as sand and remove all liquid with the use of a vacuum system. If unable to remove as a liquid, then absorb with sand, saw dust or commercial absorbent, and scoop up and place in containers for proper disposal. Keep spills and cleaning runoff out of the municipal sewers and open bodies of water. Decontaminate all clothing and the spill area with a detergent and large amounts of water.

Large Spill:
Wear skin, eye & respiratory protection during clean-up. Evacuate area of all non-essential personnel. Ventilate spill area. Dike, and contain and/or absorb with inert material (sand, earth or other suitable non-combustible material) to prevent entry into storm drains, sewers and other unauthorized treatment/drainage systems and natural waterways. Scoop up and place in approved containers for proper disposal. Cover with lid. If spill occurs near air inlets or inside, turn off heating or air-conditioning equipment to prevent contaminating building.

~~~~ SECTION 7 ~~~~ HANDLING AND STORAGE ~~~~

Handling & Storage:
Keep from freezing. Keep container cool and dry. Use and

store this product with adequate ventilation. Keep product containers tightly closed when not in use. Avoid subjecting this product to extreme temperature variations.

Other Precautions:
Avoid skin or eye contact. Avoid prolonged or repeated breathing of vapors and mists. If spilled on clothing, launder before reuse. Do not take internally. Use only in a well ventilated area. Keep out of the reach of children.

~~~~ SECTION 8 ~~~~ EXPOSURE CONTROLS/PERSONAL PROTECTION ~~~~

Engineering Controls:
In outside spray, mixing and rolling applications situate workers upwind of operation & provide airflow in a downwind direction so as to carry fumes and residual spray away from workers.

Local exhaust ventilation recommended if generating vapor, dust or mist. Turn off heating and/or air conditioning equipment to prevent contaminating building.
If exhaust ventilation is not adequate, use MSHA or NIOSH approved respirator. Refer to OSHA standard 29 CFR 1910.94 for guidelines.

Respiratory Protection:
For respiratory protection within confined areas and for concentrations up to 10 times the exposure limit, use an approved air-purifying respirator equipped with an ammonia/methylamine cartridge(s).

Skin Protection:
The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation. Note that PVA degrades in water.

Eye Protection:
Isolate the area immediately; prevent unauthorized entry.

~~~~ SECTION 9 ~~~~ PHYSICAL AND CHEMICAL PROPERTIES ~~~~

Boiling Range: 212F/100C
Melting Point: N/A
Specific Gravity(H2O=1): 1.0334
Vapor Density(Air=1): Heavier than air
Vapor Pressure: NO DATA
Evaporation Rate(N-Butyl Acetate=1) : Slower than ether
Coating V.O.C.: 0.19 lb/gl Coating V.O.C.: 22 g/l
Material V.O.C.: 0.08 lb/gl Material V.O.C.: 9 g/l
Solubility in Water: Soluble
Appearance: PIGMENTED, VISCOUS.
Odor: AMMONIA ODOR
pH: 8.0

~~~~ SECTION 10 ~~~~ STABILITY & REACTIVITY DATA ~~~~

Stability:
Stable
Conditions To Avoid:
Extremely hot or cold temperatures

Incompatible Materials:
Avoid contact with strong oxidizing agents, strong alkalis
Hazardous Decomposition Products
Thermal decomposition may yield acrylic monomer, carbon monoxide and carbon dioxide. Unidentified organic compounds in fumes and smoke may be formed during combustion.

Hazardous Polymerization:
Will not occur

~~~~ SECTION 11 ~~~~ TOXICOLOGICAL INFORMATION ~~~~

*Data is for individual components of preparation.
Materials having a known chronic/acute effects on eyes:
Ammonia CAS# 1336-21-6: Draize test, rabbit, eye: 250 ug Severe

Materials having a known dermal toxicity.
NO ANIMAL DATA AVAILABLE
Materials having a known oral toxicity.
Ammonia CAS# 1336-21-6:LD50 (Oral-Rat): 350 MG/KG.
Materials having a known Inhalation hazard:
Ammonia CAS# 1336-21-6: rat LC50: 2000 ppm/4-hr 2500-6500PPM

Identified Acute/ Short-term Effects:
NO ANIMAL DATA AVAILABLE
Identified Carcinogens/Longterm Effects:
NO ANIMAL DATA AVAILABLE
Identified Teratogens:
NO ANIMAL DATA AVAILABLE
Identified Reproductive toxins :
NO ANIMAL DATA AVAILABLE
Identified Mutagens:
NO ANIMAL DATA AVAILABLE

~~~~ SECTION 12 ~~~~ ECOLOGICAL INFORMATION ~~~~

Ecotoxicological effects on plants and animals:
Ammonia Aqua CAS# 1336-21-6:
Fish Toxicity: This material has exhibited moderate toxicity to aquatic organisms. 0.024-0.093 mg/L 96 hour(s) LC50 Bluegill sunfish; 8.2 mg/L 96 hour(s) LC50 Fathead minnow; 0.66 mg/L 48 hour(s) LC50
Daphnia magna; 3.17 mg/L (non-ionized NH3) 24 hour(s) LC50 Shrimp; 12 ppm 48 hour(s) LC50 Rana pipines

Chemical Fate :
AMMONIA CAS# 1336-21-6:
BIODEGRADATION: This material is inorganic and not subject to biodegradation.
PERSISTENCE: This material is believed to persist in the environment.
BIOCONCENTRATION: This material is believed not to bioaccumulate.
OTHER ECOLOGICAL INFORMATION: This material has exhibited slight toxicity to terrestrial organisms. May increase pH of waterways and adversely affect aquatic life.

~~~~ SECTION 13 ~~~~ DISPOSAL CONSIDERATIONS ~~~~

Instructions:

Dispose of unused product or contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Incineration is acceptable and the preferred method of disposal, however; nitrogen oxide emissions controls may be required to meet specifications. Chemical and biological degradation is possible. Empty containers will retain product residue and vapors and are subject to proper waste disposal, as above.

~~~~ SECTION 14 ~~~~ TRANSPORT INFORMATION ~~~~

Shipping Information:
DOT INFORMATION - 49 CFR 172.101
DOT DESCRIPTION: NOT REGULATED

~~~~ SECTION 15 ~~~~ REGULATORY INFORMATION ~~~~

(Not meant to be all inclusive-selected regulations represented)
US Regulations:
Status Of Substances Lists:
The Concentrations Shown In Section II Are Maximum Ceiling Levels (Weight %) to be used for calculations for regulations.
A reportable quantity is a quantity of a hazardous substance that triggers reporting requirements under the Comprehensive Environmental Response Compensation And Liability Act (CERCLA).
If a spill of a substance exceeds it's reportable quantity (RQ) in CFR 302.3,Table 40 302.4 Appendix A & 302.4 Appendix B, the release must be reported to The National Response Center At (800) 424-8802, The State Emergency Response Commission (SERC), And community emergency coordinators likely to be affected.
Components present that could require reporting under the statute are:
See sectionII for percentages
*Toxic:Not reportable in quantities less than1%
Aqua Ammonia CAS#1336-21-6 RQ 1000 #

Superfund Amendments And Reauthorization Act Of 1986 (SARA) Title III Requires emergency planning based on the Threshold Quantities(TPQ'S)and release reporting based on Reportable Quantities (RQ'S) In 40 CFR 355 Appendix A&B Extremely Hazardous Substances. The emergency planning and release requirements of 40 CFR 355 apply to any facility at which there is present any amount of any extremely hazardous substance(EHS) equal to or in excess of it's Threshold Planning Quantity(TPQ).
Components present that could require reporting under the statute are:
NONE KNOWN

EPCRA 40 CFR 372(Section 313) Requires EPA and the States to annually collect data on releases of certain toxic materials from industrial facilities, and make the data available to the public in the Toxics Release Inventory(TRI). This information must be included in all MSDS'S that are copied and distributed or compiled for this material.
Reporting Threshold: Standard: A facility must report if it manufactures (including imports) or processes 25,000 pounds or more or otherwise uses 10,000 pounds or more of a listed toxic chemical during the calendar year.
Components present that could require reporting under the statute are:
See Section II
The components of this product are listed or excluded from listing on the

US Toxic Substance Control Act (TSCA) chemical substance inventory. Mixtures shall be assumed to present the same health hazards as do the components which comprise one percent (by weight or volume) or greater of the mixture, except that the mixture shall be assumed to present a carcinogenic hazard if it has a component in concentrations of 0.1 percent or greater. The remaining percentage of unspecified ingredients, if any, are not contained in above DeMinimis concentrations and/or are believed to be non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200), and may consist of pigments, fillers, defoamers, wetting agents, resins, dryers,anti-bacterial agents, water and/or solvents in varying concentrations.
International Regulations:
Canadian WHMIS:
DOES NOT CLASSIFY AS HAZARDOUS.
Canadian Environmental Protection Act (CEPA):
All of the components of this product are exempt or listed on the DSL. See section 2 for composition/information on ingredients.

EINECS:
Ammonia CAS#1336-21-6 EINECS#:215-647-6
State Regulations:
California:
California Proposition 65: The following Statement is made in order to comply with The California Safe Drinking Water and Toxic Enforcement Act of 1986
"WARNING:This product contains the chemical(s) appearing below known to the State of California to:
A: Cause Cancer
NONE KNOWN
*If tinted contains Carbon Black:CAS#1333-86-4 and may also contain trace amounts of Crystalline Silica:CAS#14808-60-7
B: Cause Birth Defects or other Reproductive Harm :
NONE KNOWN
In addition to the above named chemical(s)(if any),this product may contain trace amounts of chemicals, known to the State of California, to cause Cancer or Birth Defects and other Reproductive Harm
Delaware:
Listed on the Delaware Air Quality Management List:
Aqua Ammonia CAS#1336-21-6 DRQ 1000#

Florida:
NONE KNOWN
Idaho:
NONE KNOWN
Massachusetts:
Aqua Ammonia CAS#1336-21-6 Code: F8
Michigan:
NONE KNOWN
Minnesota:
NONE KNOWN
New Jersey:
New Jersey Extraordinarily Hazardous Substance
Aqua Ammonia CAS#1336-21-6 RTK Substance number: 0084
NJ Threshold:19,000 Table I Part A Group II

New York:
Aqua Ammonia CAS#1336-21-6 RQ Air 1000, RQ

Land/Water 100

Pennsylvania:
Ammonia Hydroxide CAS#1336-21-6 Code:E
Washington:
NONE KNOWN
Wisconsin:
NONE KNOWN
West Virginia
The follwing is on the West Virginia Toxic Air Pollutant List:
Ammonium Hydroxide CAS#1336-21-6 (Pounds per Year):

~~~~ SECTION 16 ~~~~ OTHER INFORMATION ~~~~

HMIS® III
Health : 2
Flammability : 0
Physical Hazard : 0
*Following Health rating Indicates Chronic/Carcinogenic Effects
HMIS® III Personal Protection : G
This rating is for the product as it is packaged. This rating will need to be adjusted by the user based on conditions of use.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them & determine the suitability & completeness of information from all sources to assure proper use & disposal of these materials & the safety & health of employees & customers
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