

As part of Northwest Coatings Corp.'s program to communicate health and safety information to our customers, we regularly review and update our MSDS to provide information that is as complete and current as possible. The attached MSDS is the current update for the product that we currently supply to your company. If any hazardous components are present, they will be listed in the MSDS section II Hazardous Components along with the CAS number and the percent present in the compound. Information is also reported in Section II to meet the requirements of SARA Title III – Section 313.

This memo is part of the MSDS and must not be detached from the MSDS. Any copying or redistribution of the MSDS shall include this memo. We suggest you read the enclosed material closely and forward it to the appropriate personnel within your company. If you have any questions about this information, please contact us at 414-762-3330 or Chemtrec at 1-800-424-9300.

NORTHWEST COATINGS CORP.

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## Material Safety Data Sheet

Product # 21415B

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NORTHWEST COATINGS CORP.  
7221 SOUTH 10<sup>th</sup> STREET  
OAK CREEK, WI 53154 USA  
PHONE: 414-762-3330

EMERGENCY PHONE NUMBER: Chemtrec 800-424-9300  
PREPARED BY: Dennis Oscar  
PREPARATION DATE: 03-16-99  
REVISION DATE: 05-22-01

### I. PRODUCT IDENTIFICATION

PRODUCT: 21415B

HMIS CODE

TRADE NAME: Foil Topcoat With Extra Bubble Gum

HEALTH: 1

FLAMMABILITY: 0

CHEMICAL NAME: Compounded Acrylic

REACTIVITY: 0

PERSONAL PROTECTION: B

CHEMICAL FAMILY: Acrylic

### II. HAZARDOUS COMPONENTS

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>Weight %</u>	<u>Regulated Under SARA 313</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
28-30% Ammonium Hydroxide Solution	1336-21-6	< 4.78%	Yes	25 ppm (asNH3)	25 ppm (As NH3)
Zinc Ammonium Carbonate Compound	38714-47-5	< 2.55%	Yes	N/R	N/R

### III. PHYSICAL PROPERTIES

**BOILING POINT (water 212°F):** 212°F      **SPECIFIC GRAVITY:** 1.0-1.1  
**VAPOR PRESSURE (MM HG at 20c)** Not determined      **WEIGHT PERCENT VOLATILE:** 59-62% Mostly water  
**VAPOR DENSITY (air=1):** Heavier than air      **WEIGHT % VOC:** Not determined  
**SOLUBILITY IN WATER:** Miscible      **PH:** 8.5-9.5  
**APPEARANCE AND ODOR:** Light tan translucent emulsion with acrylic and ammonia odor.      **EVAPORATION RATE (n-Butyl Acetate=100):** About equal to water.

### IV. REACTIVITY DATA

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Excessive heat and freezing.

**INCOMPATIBILITY (material to avoid):** Solvents, acids, metallic salts, strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, nitrogen and various hydrocarbon by-products.

**HAZARDOUS POLYMERIZATION:** Will not occur

IN ACCORDANCE WITH GOOD PRACTICES OF PERSONAL CLEANLINESS AND HYGIENE HANDLE WITH DUE CARE AND AVOID ANY UNNECESSARY CONTACT WITH THIS PRODUCT. THIS INFORMATION IS SUPPLIED TO YOU UNDER THE OSHA "RIGHT TO KNOW" REGULATION 29 CFR 1910.1200. THE INFORMATION IS BELIEVED TO BE TRUE AND ACCURATE. NO WARRANTY EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA, THE HAZARDS THAT MAY BE ASSOCIATED WITH ITS USE OR THE RESULTS TO BE OBTAINED FROM ITS USE, IS MADE.

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### V. FIRE & EXPLOSION HAZARD DATA

**FLASH POINT (°F):** >140°F      **FLAMMABLE LIMITS:** Not determined      **LEL:** Not determined      **UEL:** Not determined

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical or water for small fires. Aqueous foam or water fog for large fires.

**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Compounded emulsion will not burn, but may splatter until all of the water has boiled away. Residual solids and or product container may burn, giving off soot, smoke, and toxic/irritating fumes (i.e. oxides of carbon nitrogen and various hydrocarbons).

### VI. HEALTH HAZARD DATA

**A. LISTED CARCINOGENICITY:**      **IARC -** No      **NTP -** No      **OSHA -** No

**B. EFFECTS OF OVEREXPOSURE**      **Acute** - Ingestion may cause nausea, vomiting, pain, upset stomach, diarrhea. May cause eye irritation. Prolonged or repeated contact with skin may cause skin irritation. May cause nose and respiratory tract irritation. **Chronic** – No known chronic health effects.

**EYE:**      Exposure to vapor or direct eye contact of the liquid may cause slight to mild irritation.

**SKIN:**      Prolonged or repeated skin contact may dry and defat skin causing cracks, irritation, and dermatitis.

**INHALATION:**      Breathing high vapor concentrations or aerosols may cause nausea and irritation of the nose, throat and respiratory tract.

**INGESTION:**      Swallowing may cause nausea, vomiting, pain, stomach upset and diarrhea.

**KNOWN EFFECTS ON OTHER ILLNESS:**      None known.

**C. EMERGENCY AND FIRST AID PROCEDURES**      Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

**EYE:**      Flush with large quantities of water for 15 minutes and seek medical attention.

**SKIN:**      Remove contaminated clothing, wash thoroughly with soap and water. Seek medical attention if irritation develops.

**INHALATION:**      Move person to fresh air. Seek medical attention if irritation develops. If breathing stops, apply artificial respiration and / or C.P.R. Seek immediate medical attention.

**INGESTION:**      Not an expected route of exposure. Do not induce vomiting. Seek immediate medical attention.

**D. PROTECTIVE EQUIPMENT**      Eye wash stations and safety showers in the workplace are recommended. Smoking and eating in areas where this material is used should be strictly prohibited. Wash thoroughly after handling, especially before eating, smoking or use of the toilet facilities.

**EYE:**      Safety glasses with side shields are the bare minimum requirement.

**SKIN:**      Impermeable chemical handling gloves.

**VENTILATION:**      Maintain good mechanical exhaust. Local exhaust ventilation with a minimum capture velocity of 100 feet per minute at the source point should be suitable to keep vapor concentrations below the T.L.V.

**RESPIRATORY PROTECTION:**      Usually not required if ventilation is adequate.

**OTHER PROTECTIVE EQUIPMENT:**      Use face shields, impermeable aprons and respiratory protection if conditions warrant.

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**VII. PRECAUTIONS FOR SAFE HANDLING AND STORAGE**

**A. STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK**

Keep unnecessary people away. Floors may be slippery so use care to prevent accidental falls. Dike and contain spill. Stop discharge if it is safe to do so. Stop material from contaminating soil, or from entering sewers or bodies of water. Absorb liquid into an inert material and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

**B. HANDLING AND STORAGE:**

Do not freeze. Store in plastic or poly lined containers in the temperature range of 40 to 100 degrees F. Shelf life is six months after the date of manufacture.

**VIII. OTHER DISPOSAL INFORMATION**

Be sure to contact the appropriate government environmental agencies if further guidance is required.

**IX. SPECIAL PRECAUTIONS**

None Known.