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**MATERIAL SAFETY DATA SHEET**

Preparation Date: January 3, 2001

**SECTION I - MATERIAL IDENTIFICATION**

**MANUFACTURED BY:** U.S. Adhesives Company  
1735 W. Carroll Ave.  
Chicago, IL 60612

**EMERGENCY NUMBER:** 312-829-7438

**PRODUCT CLASS:** Modified Vinyl Acetate/ Homopolymer

**MANUFACTURERS CODE:** 1099-B Norbond

**HMIS: Health 0 Flammability: 0 Reactivity: 0**

**SECTION II - HAZARDOUS INGREDIENT**

INGREDIENT	CAS NO.	PERCENT	TVL
Residual Monomers	108-05-4	Less than 0.5	10 ppm TWA

**SECTION III - PHYSICAL DATA**

**BOILING POINT:** 100°C

**VAPOR DENSITY:** Less than Air

**EVAPORATION RATE H<sub>2</sub>O= 1:** of Water

**SPEC. GRAV. (H<sub>2</sub>O=1):** 1.1

**MELTING POINT:** N/A

**SOLUBILITY IN WATER:** Dispersible

**APPEARANCE AND ODOR:** White Liquid/Somewhat sweet

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

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**FLASH POINT:** N/A

**FLAMMABILITY CLASSIFICATION:** N/A

**AUTOIGNITION TEMPERATURE:** N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None Known

**EXTINGUISHING MEDIA:** Water, Carbon Dioxide, Dry Chemical Foam.

**SPECIAL FIRE FIGHTING PROCEDURES:**

When polymer burns, water (H<sub>2</sub>O) carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO) and smoke are produced. Pyrolysis products may include such materials as acetic acid, acrolein and acetaldehyde and other unknown products. Masks to remove smoke and organic vapor from respirable air are recommended for use when fighting fires involving polymers. Do not re-use container for any purpose until commercially cleaned.

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**SECTION V - REACTIVITY DATA**

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**STABILITY:**

Stable at ambient temperatures. Coagulation may occur following freezing, thawing or boiling.

**HAZARDOUS POLYMERIZATION:** Will not occur

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**SECTION VI - SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

If material is released or spilled, dam up to limit spreading. Mop up or absorb on inert material and place in containers. If spill occurs in enclosed area, ventilate.

**WASTE, DISPOSAL METHOD:**

Dispose of in accordance with Local, State, and Federal Regulations.

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**SECTION VII - HEALTH HAZARD DATA**

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**THRESHOLD LIMIT VALUE:**

Has not been established

**EFFECTS OF OVEREXPOSURE AND FIRST AID PROCEDURES:**

**Eye Contact:**

This material may be an irritant to eyes:  
Flush eye with water for at least 15 minutes. Consult a Physician if the irritation persists.

**Skin:**

This material may cause skin irritation of rash upon prolonged or repeated contact:  
Wash affected area with mild Soap and Water.

**Inhalation:**

Inhalation of vapors may cause irritation in the respiratory track:  
Remove to fresh air.

**Ingestion:**

No specific information identified.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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- RESPIRATORY PROTECTION:** N/A in ventilated area.
- PROTECTIVE GLOVES:** Rubber gloves.
- EYE PROTECTION:** Splash-proof eye goggles.
- OTHER PROTECTIVE WEAR:** Wear protective clothing to prevent skin contact.
- VENTILATION:** General ventilation is recommended during normal use.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**PRECAUTION TO BE TAKEN IN HANDLING AND STORING:**

Avoid breathing of vapors. Handle in well ventilated work space. Keep in cool, dry, ventilated storage and in closed containers. Avoid freezing temperatures during storage. Minimize contact with atmospheric air to prevent inoculation with microorganisms.

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**SECTION X - ADDITIONAL INFORMATION**

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**EPA SARA TITLE III HAZARD CLASS:** None

**OSHA HCS HAZARD CLASS:** (29CFR.910.1200) None

**EPA SARA TITLE SECTION 313 (40CFR372) TOXIC CHEMICAL PRESENT IN QUANTITIES GREATER THAN THE "DE MINIMIS" LEVEL ARE:** None

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