

Hazard Ratings	
Minimal.....0	HEALTH 1
Slight.....1	FLAMMABILITY 0
Moderate.....2	REACTIVITY 0
Serious.....3	PERSONAL
Severe.....4	PROTECTION B

## MATERIAL SAFETY DATA SHEET

Date of Preparation: February 25, 1998- Revised Feb. 2003

Prepared by: Steve Clark

### SECTION 1

Manufacturer's Name: MD-Both Industries

Street Address: 850 Hawthorne Lane, West Chicago, IL 60185

Emergency Telephone #: CHEMTREC 800-424-9300 24HRS

Product Class: Water Based Acrylic Varnish

Trade Name: Unipak Water Based Extender

Product Codes: 2042, TFU407, V403

### SECTION 2 -- HAZARDOUS INGREDIENTS

<u>CAS Number</u>	<u>Chemical</u>	<u>% by weight</u>	<u>Exposure Limits</u>
7005-47-2	2-Dimethylamino-2-Methyl-1-Propanol	1.6 - 2.8%	Not Determined

All ingredients in these products are listed in the TSCA inventory and are found on the Canadian DSL.

### SECTION 3 -- PHYSICAL DATA

Boiling point (deg. F): 212.0

Type of odor: Mild acrylic odor

Appearance: Semi-transparent liquid

Evaporation rate: Slower than butyl acetate

Vapor density: Heavier than air

% Total Solids : 14 - 16

% VOC: <1.0%

Weight per gallon: 8.50-8.60 ppg.

**SECTION 4 -- FIRE AND EXPLOSION DATA**

Flammability Classification: OSHA: Not regulated  
DOT: Not regulated  
Flash Point of solvent (deg. F): N.A. Water solution  
Extinguishing Media: None required.  
Unusual Fire and Explosion Hazards: None known.  
Special Firefighting Procedures: None known.

**SECTION 5 -- HEALTH HAZARD DATA****Effects of Overexposure:**

Eye contact: May cause irritation.  
Skin contact: Prolonged or repeated contact may cause mild irritation.  
Ingestion: May cause irritation of gastrointestinal tract.

**Primary Routes of Entry: Skin contact.****Emergency and First Aid Procedures:**

Eye contact: Flush with large amounts of water for 15 minutes or until irritation subsides. If irritation persists, call physician.  
Skin contact: Wash with soap and water. Remove and wash contaminated clothing.  
Ingestion: Do not induce vomiting. Call physician.

**SECTION 6 -- REACTIVITY DATA**

Product Stability: Stable under normal conditions.  
Conditions to avoid: Extreme heat.  
Hazardous decomposition products: Incomplete combustion can form carbon monoxide, smoke, or fumes.  
Hazardous polymerization will not occur.

**SECTION 7 -- SPILL OR LEAK PROCEDURES**

Procedure When Material Spilled or Released: Scoop up material and place in suitable container. Absorb excess material with sand or dry earth.  
Waste Disposal Method: Dispose of waste material in approved incinerator, landfill or water treatment facility.

## **SECTION 8 -- SPECIAL PROTECTION INFORMATION**

**Protective Gloves:** Use chemical resistant gloves to avoid prolonged skin contact.

**Respiratory Protection:** Not normally required if product is used in sufficiently ventilated area.

**Eye Protection:** Use chemical goggles to minimize chances of eye contact.

## **SECTION 9 -- SPECIAL PRECAUTIONS**

**Handling and Storage:** Store in closed containers in a cool, dry, well-ventilated area.

**Other Precautions:** Do not ingest. Avoid prolonged contact with skin, contact with eyes.

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