

MATERIAL SAFETY DATA SHEET

PRE-CAST COUNTER

Updated: 3/99

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Pre-Cast Counter

General Use: Counters for copper and brass stamping dies.

Company: Universal Engraving, Inc.
9090 Nieman Road Overland Park, KS, USA 66214
1-800-821-8864 or 913-599-0244Emergency Contact: 1-800-424-9300 USA and Canada
01-703-527-3887 International

2. HAZARDOUS INGREDIENTS: Fully cured composite of epoxy resins and fiberglass and cellulose reinforcement.

	CAS #	OSHA PEL	ACGIH TLV
Bisphenol F/Epichlorohydrin Epoxy Resin	28064-14-4	Not Established	Not Established
Carbon Black	1333-86-4	3.5 mg/m3	3.5 mg/m3
Polyethylenepolyamine Epoxy Adduct *		1 ppm	1 ppm
Diethylenetriamine (Deta)	111-40-0	Not Established	Not Established
Bisphenol A	80-05-7	Not Established	Not Established
Butyl Glycidyl Ether	2426-08-6	50 ppm	25 ppm

* The specific chemical identity and/or proportion of this component is being held as trade secret information in accordance with 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION: DO NOT breathe the dust generated from cutting the product. Wear approved respirator, have proper ventilation, and/or work in an environment which removes all airborne particles.

Routes of Entry: Inhalation, Ingestion, Skin Absorption.

Health Hazards (Acute and Chronic): Dust produced from cutting could cause irritation to the eyes and/or respiratory tract. Dust residue build-up on skin could cause irritation.

Carcinogenicity: NA

Sign and Symptoms of Exposure: Irritated eyes, skin, or respiratory tract.

4. FIRST AID MEASURES: In all cases call a physician immediately.

INGESTION: If swallowed DO NOT induce vomiting. If vomiting occurs keep head below hips to prevent aspiration.

INHALATION: Remove to fresh air.

EYE CONTACT: Flush eyes with large amounts of water for at least 15 minutes.

SKIN CONTACT: Flush skin with soap and large amounts of water for at least 15 minutes.

5. FIRE FIGHTING MEASURES: Flash Point: NA Flammable Limits: NA

Extinguishing Media: Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus with full face piece operated in positive pressure mode and full protective clothing to prevent contact with skin and eyes. Unusual Fire and Explosion Hazards: Cutting this product with bandsaws or similar equipment has been known to generate sparks. When cutting this product be aware that these sparks could set fire to nearby flammable products including sawdust in or around the cutting equipment.

6. ACCIDENTAL RELEASE MEASURES: Clean-up personnel should wear protective clothing. Gently sweep up and dispose of by approved method. Ensure compliance with local, state, and federal regulations in the use of any waste containment program.

7. HANDLING AND STORAGE: Store away from heat. Cutting this product with bandsaws or similar equipment has been known to generate sparks. When cutting this product be aware that these sparks could set fire to nearby flammable products including sawdust in or around the cutting equipment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION: Use only in a well-ventilated area. Wear chemical safety goggles for eye protection. (Contact lenses should not be worn.) DO NOT breathe cutting dust from product. Wear approved respirator, have proper ventilation, and/or work in an area which removes all airborne particles if cutting.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: NA

pH: NA

Specific Gravity (Water = 1): Solid material

Evaporation Rate (n-Butyl Acetate = 1): NA

Melting Point: NA

Physical State: Solid

Vapor Pressure: NA

Vapor Density (Air = 1): NA

Solubility in Water: NA

Viscosity: NA

Appearance: Natural preimpregnated fiberglass cloth (could vary in color)

10. STABILITY AND REACTIVITY: Stable. Avoid highly elevated temperatures or open flames. Avoid acids and oxidizers. Avoid organic bases. Thermal decomposition may produce carbon monoxide, carbon dioxide, and smoke. Does not polymerize.

11. OTHER INFORMATION: UEI™ Systems provides the information contained herein in good faith. It is believed to be correct. However it is not all inclusive and should be used only as a guide. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. UEI™ Systems shall not be held liable for any damage resulting from handling or from contact with this product.

National Fire Protection Association Ratings

	Hazard Ratings	
Health	4	0 - least
Fire	2	1 - slight
Reactivity	0	2 - moderate
Special Note	none	3 - high
		4 - extreme

Abbreviations:

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

NA: Not Applicable

NE: Not Established