

MATERIAL SAFETY DATA SHEET

BU, 6MA, 8MA, MINILABEL,
MICRODOT, BULLSEYE,
4A, 4B, 4C, AND 21 SERIES OMEGALABELS

MSDS-0124
IRREVERSIBLE
REV. DATE:9/27/01

1. PRODUCT IDENTIFICATION

PRODUCT (TRADE) NAME: Button Series, Micro-Dot Series, Mini-Label Series, Bulls-Eye Series, Series 6M, Series 8M, 4A, 4B, 4C Series, and 21 Series.

SUPPLIER: OMEGA ENGINEERING, INC.
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STAMFORD,CT 06907

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BUSINESS PHONE: 203-359-1660

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Product Description: Aqueous coating containing suspension of temperature sensitive color change particles.
Chemical Formula: Chemical identities withheld as a trade secret under OSHA Hazard Communication Standard 29 CFR 1910.1200 (i) (1)

3. HAZARD IDENTIFICATION

Not Established

4. HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, ingestion, or skin contact
Threshold Limit Valued: Not established
Effects of Exposure:
Eyes -May cause irritation
Skin -May cause irritation on prolonged or repeated exposure.
Inhalation May cause respiratory irritation
Ingestion May cause nausea, gastrointestinal upset and diarrhea
Carcinogen: NTD: No; IARC: No; OSHA: No

5. FIRST-AID MEASURES

Skin Contact: Wash skin with copious amounts of water for at least 15 minutes. if irritation persists seek medical attention.
Eye Contact: Immediately irrigate the eye with copious amounts of water for at least 15 minutes. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. In severe cases or symptoms persist seek

Ingestion: medical attention.
Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

6. FIRE-FIGHTING MEASURES

In the event of a fire involving our irreversible color change coating, alone or in combination with other materials, use water, dry powder, or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

7. ACCIDENTAL RELEASE MEASURES

Personal precautions: See section 9
Methods for clean-up: Cover spill with vermiculite, sweep up and keep in a closed container for disposal. Wash area with soap and water.
Waste Disposal Method: Consult local, state and federal laws. Dispose in an approved landfill or send to a licensed treatment, storage and disposal facility.

8. HANDLING AND STORAGE

Handling: Always wear protective equipment (see section 9).
Storage: Keep container tightly closed and protect from physical damage.

9. PHYSICAL DATA

Appearance: Milky liquid
Odor: No specific odors
Boiling Point: 100°C
Melting Point: 0°C
Percent Volatile by Wt: <1%
Evaporation Rate: <1 (BuAc=1)
Solubility in Water: Aqueous formation
Flash Point: No data

10. STABILITY AND REACTIVITY OF COATED CHEMICAL

Stability: Stable
Conditions to avoid: Fire or excess heat; thermal decomposition
Material to avoid: Strong acids, alkalis and oxidizing agents
Hazardous combustion products: Co_x

PREPARED BY: OMEGA ENGINEERING INC.
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This Material Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR, 1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of OMEGA's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either express or implied, are provided. The information contained herein relates only to this specific product. If this product is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.