



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURING LOCATION:**  
 Rutland Plastic Technologies, Inc.  
 10021 Rodney Street  
 Pineville, NC 28134  
 704/553-0046

**HAZARDOUS MATERIAL INFORMATION SYSTEM:**

<b>Health:</b>	<b>1</b>
<b>Flammability:</b>	<b>0</b>
<b>Reactivity:</b>	<b>0</b>
<b>Personal Protection:</b>	<b>B</b>

**IN CASE OF EMERGENCY CONTACT:** 704/553-0046

**PRODUCT NAME:** Color Change Flex Additive  
**PRODUCT CODE:** M00800  
**CHEMICAL NAME:** Alkyl Benzyl Phthalate  
**CAS NUMBER:** Mixture

**MSDS NUMBER:** 83  
**DATE REVISED:** 7/29/2008  
**DATE PRINTED:** 7/29/2008  
**SUPERSEDES:** 3/26/2007  
**VERSION:** 2

**PREPARED BY:** Kimberly C. Leitch (704) 553-0046 ext. 155

### 2. HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	% BY WEIGHT	TLV	PEL
No hazardous ingredients as defined by OSHA 29 CFR 1910.1200				

### 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Low hazard for normal industrial use.

**EYE CONTACT:** Repeated or prolonged eye contact may cause irritation.

**SKIN CONTACT:** Repeated or prolonged skin contact may cause irritation.

**INGESTION:** Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

**INHALATION:** Not a problem at room temperature, but fumes formed at elevated temperatures can be irritating.

#### 4. FIRST AID MEASURES

**EYES:** Flush with water for 15 minutes. If irritation develops, get medical attention.

**SKIN:** Wash with soap and water.

**INHALATION:** Remove to fresh air for relief.

**INGESTION:** First aid is normally not required due to low level of toxicity; however, if large quantities are ingested, drink plenty of water and get medical attention.

#### 5. FIRE FIGHTING MEASURES

**FLASH POINT (° F):** 444° F (COC)

**OSHA FLAMMABILITY CLASSIFICATION:** None

**EXTINGUISHING MEDIA:** Water, CO<sub>2</sub>, foam, or Dry Chemical

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self contained breathing apparatus.

**LOWER FLAMMABLE LIMIT :** Not available                      **UPPER:** Not available

**AUTO IGNITION TEMP (° F):** Not available

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

#### 6. ACCIDENTAL RELEASE MEASURES

**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Dike to contain spill and prevent the product from entering drains or waterways.  
Recover free product. Collect remaining product with absorbent materials.

#### 7. HANDLING AND STORAGE

**HANDLING:** Wash thoroughly after handling.

**STORAGE:** Do not store near heat or flame. Keep container tightly closed. Store in a dry, well ventilated area.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use with adequate ventilation.

**RESPIRATORY PROTECTION EQUIPMENT:** Not necessary at room temperature.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

**PROTECTIVE GLOVES:** Recommended

**EYE AND FACE PROTECTION:** Safety glasses recommended.

**OTHER PROTECTIVE EQUIPMENT:** Usually not required.

**VENTILATION:** Local exhaust as needed near processing equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Range/Point:** Not available

**Vapor Pressure at 20° C:** Not available

**Vapor Density (AIR=1):** Not available

**Melting Point:** Not available

**Physical State:** Oily Liquid

**Color:** Clear

**Non-volatile %:** Not available

**VOC (g/l):** Not available

**Evaporation Rate (Butyl Acetate=1):** <1

**Specific Gravity @ 25° C:** 1.0550-1.0670

## 10. STABILITY AND REACTIVITY

**STABILITY:** Material is stable

**HAZARDOUS POLYMERIZATION:** Will not occur.      **CONDITIONS TO AVOID:** None known

**HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:** CO, CO<sub>2</sub>

**INCOMPATIBILITY (MATERIALS TO AVOID):** None known

## 11. TOXICOLOGICAL INFORMATION

**CARCINOGENICITY:** This product is not listed as a carcinogen by NTP, IARC, or OSHA.

**ACUTE TOXICITY:** No data is available

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Not available

**CHEMICAL FATE INFORMATION:** This product is considered "readily biodegrade" and is not expected to persist for long periods in an aquatic environment.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Disposed material is not a listed RCRA Hazardous waste.  
Dispose of materials in accordance with the applicable Local, State, and Federal regulations.

### 14. TRANSPORT INFORMATION

Not regulated for shipment in single containers holding 2000 lbs or less.

**PROPER SHIPPING NAME:** RQ, Environmentally Hazardous Substance, Liquid, n.o.s. (benzyl butyl phthalate)  
**DOT HAZARD CLASS:** 9  
**UN/NA NUMBER:** 3082  
**DOT PACKING GROUP:** III

This product contains 1-5% of butyl benzyl phthalate which is listed as a marine pollutant. The CERCLA/DOT RQ for butyl benzyl phthalate is 100 lbs. (45.4 kg).

### 15. REGULATORY INFORMATION

**TSCA STATUS:** This product is on the US TSCA Inventory.

**CALIFORNIA PROPOSITION 65:** These products do not contain chemicals known to the state of California to cause cancer or birth defects; however, routine analysis for all listed materials is not conducted.

**SARA 302 EXTREMELY HAZARDOUS SUBSTANCES LIST:** None

**SARA (311,312) HAZARD CLASS:** None

**SARA SECTION 313 TOXIC CHEMICALS:** None

**AUSTRALIAN INVENTORY CHEMICAL SUBSTANCES:** Not available

**CANADIAN INVENTORY:** WHMIS hazard class: Non-controlled  
Components: Butyl benzyl phthalate (<5%)  
WHMIS Ingredient Disclosure: 1%

**EINECS REGULATIONS:** Not available

**JAPAN:** Not available

**KOREAN CHEMICAL INVENTORY:** Not available

## 16. OTHER INFORMATION

### **DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:**

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