



Rutland Plastic Technologies, Inc.  
 10021 Rodney Street  
 Pineville, NC 28134

## 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>1</b>
<b>Reactivity:</b>	<b>0</b>
<b>Personal Protection:</b>	<b>B</b>

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

**PRODUCT NAME:** Rutland Screen Printing Plastisol Modifier  
**CHEMICAL FAMILY:** Mixture  
**PRODUCT CODE:** EV0055

**MSDS NUMBER:** 86  
**DATE REVISED:** 1/7/2008  
**DATE PRINTED:** 1/7/2008  
**SUPERSEDES:** None  
**VERSION:** 1

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

### 2. Hazardous Ingredients

HAZARDOUS INGREDIENT	CAS #	% BY WEIGHT	TLV	PEL
None				

### 3. HAZARDS IDENTIFICATION

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

**EYE CONTACT:** Possible eye irritation

**SKIN CONTACT:** Possible skin irritation

**INGESTION:** Not a likely route of exposure. Low toxicity.

**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:** If victim is conscious, give liquids and induce vomiting. Get medical attention.

**MEDICAL CONDITIONS AGGRAVATED:** None

**NOTE TO PHYSICIAN:** None

## 5. FIRE FIGHTING MEASURES

**FLASH POINT (° F):** >200 (COC)

**OSHA FLAMMABILITY CLASSIFICATION:** None

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, Dry Chemical, or water mist.

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

**EXPLOSION LIMITS IN AIR - LOWER (%):** Unknown

**EXPLOSION LIMITS IN AIR - UPPER (%):** Unknown

**AUTO IGNITION TEMP (° F):** Unknown

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** May evolve a flammable gas (less than 8% based on the total weight of the product) at elevated temperatures. This could cause closed containers to expand.

## 6. ACCIDENTAL RELEASE MEASURES

**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Dike to contain spill. 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. Material can expand containers. Use caution in opening expanded containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>ENGINEERING CONTROLS:</b>	Use with adequate ventilation.
<b>RESPIRATORY PROTECTION EQUIPMENT:</b>	Not necessary at room temperature.
<b>PROTECTIVE GLOVES:</b>	Recommended
<b>EYE AND FACE PROTECTION:</b>	Safety glasses recommended.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Usually not required.
<b>VENTILATION:</b>	Local exhaust as needed near processing equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Range/Point:</b>	Not Applicable
<b>Vapor Pressure:</b>	Not Applicable
<b>Vapor Density (AIR=1):</b>	>1
<b>Freezing Point:</b>	Not Applicable
<b>Melting Point:</b>	Not Applicable
<b>Physical State:</b>	Thick Liquid
<b>Color:</b>	White or cream
<b>% Volatile by Weight:</b>	0.2%-4%
<b>VOC (g/l):</b>	2 - 50 g/l
<b>Evaporation Rate (Butyl Acetate=1):</b>	Unknown
<b>Specific Gravity @ 25° C:</b>	0.85-1.07
<b>Weight per gallon:</b>	7.07-8.85

## 10. STABILITY AND REACTIVITY

<b>STABILITY:</b>	Material is stable
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:</b>	CO, CO <sub>2</sub> .
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	None
<b>CONDITIONS TO AVOID:</b>	Storage temperatures above 95° F.

## 11. TOXICOLOGICAL INFORMATION

<b>CARCINOGENICITY:</b>	This product is not listed as a carcinogen by NTP, IARC, or OSHA.		
<b>ACUTE ORAL LD50:</b>	Not available	<b>ACUTE INHALATION LC50:</b>	Not available
<b>ACUTE DERMAL LD50:</b>	Not available		

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Unknown

CHEMICAL FATE INFORMATION: Unknown

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of materials in accordance with the applicable Local, State, and Federal regulations.

## 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not Applicable

DOT HAZARD CLASS: None

UN/NA NUMBER: None

DOT PACKING GROUP: None

AIR FREIGHT TRANSPORTATION: Not regulated

OCEAN TRANSPORTATION: Not regulated

## 15. REGULATORY INFORMATION

TSCA STATUS: All components of these products are on the US TSCA Inventory.

CALIFORNIA PROPOSITION 65: These products are not known to contain any 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: Unknown at this time.

CANADIAN INVENTORY: None

EINECS REGULATIONS: Unknown at this time

JAPAN: Unknown at this time

KOREAN CHEMICAL INVENTORY: Unknown at this time

## 16. OTHER INFORMATION

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

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