



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:

Health:	1
Flammability:	0
Reactivity:	0
Personal Protection:	A

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

**PRODUCT NAME:** Rutland Screen Printing Plastisol  
**CHEMICAL FAMILY:** Polyvinyl Chloride Dispersion  
**PRODUCT CODE:** All BD, CB, CC, CP, HD, HS, LX, M2, MA, MC, MH, MS, MV, NA, NG, NM, NS, NW, RF, TP, and SS Inks.

**MSDS NUMBER:** 1  
**DATE REVISED:** 06/07/2000  
**DATE PRINTED:** 06/07/2000

**Exceptions:** HD0138 (see MSDS #5) NM4201 (see MSDS #2)  
 M29000 (see MSDS #4) NS0035 (see MSDS #51)  
 NW9040 (see MSDS #4) TP0875 (see MSDS #51)

### 2. Hazardous Ingredients

HAZARDOUS INGREDIENT	CAS #	% BY WEIGHT	TLV	PEL
None				

### 3. HAZARDS IDENTIFICATION

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

**EYE CONTACT:** Low hazard for normal industrial use; however, any material that contacts the eye may cause mechanical irritation.

**SKIN CONTACT:** Low hazard for normal industrial use.

**INGESTION:** Not a likely route of exposure. Very 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:** None necessary for small quantities.

**MEDICAL CONDITIONS AGGRAVATED:** None

**NOTE TO PHYSICIAN:** None

#### 5. FIRE FIGHTING MEASURES

**FLASH POINT (° F):** >400 (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:** None

#### 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 gel with long exposure to elevated temperatures (Above 95° F.).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Use with adequate ventilation.
RESPIRATORY PROTECTION EQUIPMENT:	Not necessary at room temperature.
PROTECTIVE GLOVES:	Usually not required.
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:	Solidifies before boiling.
Vapor Pressure:	Unknown
Vapor Density (AIR=1):	>1
Freezing Point:	Not applicable
Melting Point:	Not applicable
Physical State:	Thick Liquid
Color:	All colors
% Volatile by Weight:	0.2%-4%
VOC (g/l):	2 - 50 g/l
Evaporation Rate (Butyl Acetate=1):	Unknown
Specific Gravity @ 25° C:	1.10 - 1.57
Weight per gallon:	9.15 - 13.1
Specific Gravity @ 25° C:	1.10 - 1.57
Weight per gallon:	9.15 - 13.1

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Unknown

CHEMICAL FATE INFORMATION: Unknown

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Small amounts may be fused in a vented oven and disposed of as a solid. 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

DOT SHIPPING NAME: Not regulated

DOT HAZARD CLASS: None

UN/UA 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:** Some products covered by this MSDS contain Barium, Copper, or Zinc compounds. See attached lists for products and percentages.

**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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## 17. LABEL INFORMATION

SINGLE WORD: None

TARGET ORGANS: None

EYES: None

SKIN: None

INHALATION: None

INGESTION: None

HANDLING: None

STORAGE: None

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: None

EXTINGUISHING MEDIA: None

RIGHT-TO-KNOW CHEMICALS: None