



## 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:** Rutland PVC Free Waterbase Screen Printing Ink  
**CHEMICAL FAMILY:** Anionic Polymer Based Mixture

**MSDS NUMBER:** 030  
**DATE REVISED:** 9/5/2008  
**DATE PRINTED:** 9/8/2008  
**SUPERSEDES:** None  
**VERSION:** 1

**PRODUCT CODES:**

RW0006	RW2636	RW4584	RW6711
RW0404	RW2639	RW4871	RW7468
RW0877	RW2728	RW5585	RW7625
RW1267	RW3348	RW6188	RW8000
RW1567	RW4122	RW6210	RW9030
RW2483	RW4485	RW6226	

**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

**EYE CONTACT:** May be irritating to the eyes.

**SKIN CONTACT:** May cause minor skin irritation

**INGESTION:** Not a likely route of exposure. Very low toxicity.

**INHALATION:** Avoid breathing vapors. May cause respiratory irritation.

## 4. FIRST AID MEASURES

<b>EYES:</b>	Flush with water for 15 minutes. If irritation develops, get medical attention.
<b>SKIN:</b>	Wash with soap and water.
<b>INHALATION:</b>	Remove to fresh air for relief. If breathing difficulties arise or continue, get medical attention.
<b>INGESTION:</b>	Rinse mouth and then drink plenty of water.

## 5. FIRE FIGHTING MEASURES

<b>FLASH POINT (° F):</b>	>200° F		
<b>OSHA FLAMMABILITY CLASSIFICATION:</b>	None		
<b>EXTINGUISHING MEDIA:</b>	Foam, CO <sub>2</sub> , Dry Chemical, or water mist.		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Wear self contained breathing apparatus.		
<b>EXPLOSION LIMITS IN AIR - LOWER (%):</b>	Unknown	<b>UPPER (%):</b>	Unknown
<b>AUTO IGNITION TEMP (° F):</b>	Unknown		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	None		

## 6. ACCIDENTAL RELEASE MEASURES

<b>ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:</b>	Dike to contain spill. Keep product from entering drains. Recover free product. Collect remaining product with absorbent materials.
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## 7. HANDLING AND STORAGE

<b>HANDLING:</b>	Wash thoroughly after handling.
<b>STORAGE:</b>	Keep containers tightly closed. Do not store near heat or flame. Avoid storage temperatures above 95° F.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>ENGINEERING CONTROLS:</b>	Use with adequate ventilation.
<b>RESPIRATORY PROTECTION EQUIPMENT:</b>	Not necessary at room temperature with adequate ventilation.

## 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:** 212° F

**Vapor Pressure:** <19 mm Hg

**Vapor Density (AIR=1):** >1

**Freezing Point:** 32° F

**pH @ 50g/l, 30° C** 6 - 9

**Physical State:** Liquid

**Color:** All colors

**% Volatile by Weight:** <63%

**VOC (g/l):** Unknown at this time

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

**Specific Gravity @ 25° C:** 1.00-1.20

**Weight per gallon:** 8.3-10.0

## 10. STABILITY AND REACTIVITY

**STABILITY:** Material is stable

**HAZARDOUS POLYMERIZATION:** Will not occur.

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

**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 INHALATION LC50:** Not available

**ACUTE DERMAL LD50:** 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 regulated

**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 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:** RW4871 contains the following:

Copper	CAS # 7440-50-8	6.12%
Zinc	CAS # 7440-66-6	2.64%

**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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