



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:	2
Flammability:	0
Reactivity:	0
Personal Protection:	B

IN CASE OF EMERGENCY CONTACT: 704/553-0046

PRODUCT NAME: Rutland PVC Free Waterbase Screen Printing Ink
CHEMICAL FAMILY: Sodium bisulfate solution
PRODUCT CODE: WB0273

MSDS NUMBER: 026
DATE REVISED: 7/23/2008
DATE PRINTED: 7/28/2008
SUPERSEDES: 7/5/2007
VERSION: 2

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

2. HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	% BY WEIGHT	TLV	PEL
Sodium bisulfate	7681-38-1	<40%	Not Established	Not Established
The above ingredient is defined as hazardous by OSHA 29 CFR 1910.1200.				

3. HAZARDS IDENTIFICATION

EYE CONTACT: Possible eye irritation. May cause burn if not flushed with water.

SKIN CONTACT: Prolonged exposure may cause irritation. May cause burn if not flushed with water.

INGESTION: Small amounts swallowed are not likely to cause injury. Large amounts (over a cupful) may irritate the digestive tract.

INHALATION: Heated vapors may cause respiratory irritation.

4. FIRST AID MEASURES

EYES:	Flush with water for 15 minutes. If irritation develops, get medical attention.
SKIN:	Remove contaminated clothing. Wash with soap and water. If irritation develops, get medical attention.
INHALATION:	Remove to fresh air for relief. If breathing difficulties arise or continue, get medical attention.
INGESTION:	Do not induce vomiting. Give large amounts of water followed by milk if available. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (° F):	Not applicable
EXTINGUISHING MEDIA:	Water, foam, CO ₂ , dry chemical.
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 known

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:	Keep product from entering drains or waterways. Recover free product. Collect remaining product with absorbent materials.
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7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Use with adequate ventilation.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

RESPIRATORY PROTECTION EQUIPMENT: Not necessary at room temperature.

PROTECTIVE GLOVES: Recommended

EYE AND FACE PROTECTION: Safety glasses

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: Not Available
Vapor Density (AIR=1): Not Available
Freezing Point: Not Available
pH @ 50g/l, 30° C Not Available
Physical State: Thick Liquid
Color: Translucent cream
% Volatile by Weight: Not Available
VOC (g/l): Not Available
Evaporation Rate (Butyl Acetate=1): Not Applicable
Specific Gravity @ 25° C: 1.16-1.28
Weight per gallon: 9.67-10.67

10. STABILITY AND REACTIVITY

STABILITY: Material is stable

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS: If heated to over 806 ° F, sulfur dioxide and sulfur trioxide may form.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalis, liquid chlorine bleach, ammonia.

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 for product. 2800 mg/kg for sodium bisulfate

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: 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: Acute

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

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