



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 NPT Screen Printing Plastisol
CHEMICAL FAMILY: Polyvinyl Chloride Dispersion, Non-phthalate

MSDS NUMBER: 38
DATE REVISED: 9/13/2010
SUPERSEDES: 3/10/2010
VERSION: 8c

PRODUCT CODES: C3, EA, EB, EC, EF, EH, EL, EM, EN, ES, M3, SE, VH, and VL
SAMPLE CODES*: X0410B, X0440Y, X04D75, X04E06, X04F02, X04G01, X04T01, X04V0A, X04V0B, X05401

*These are developmental products and are to be used for experimental purposes only.

EXCEPTIONS: EA0001, EA0005, EA0014, EH0192, EH4227, ES0031, ES0168, ES0221, ES0246, ES0280, ES8396, ES9003, SE8248
 See the MSDS for the individual product

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2. 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.

3. INGREDIENTS AND HAZARDS

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

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.

5. FIRE FIGHTING MEASURES

FLASH POINT (° F):	>400 (COC)		
OSHA FLAMMABILITY CLASSIFICATION:	None		
EXTINGUISHING MEDIA:	Foam, CO ₂ , Dry Chemical, or water mist.		
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self contained breathing apparatus.		
EXPLOSION LIMITS IN AIR - LOWER (%):	Unknown	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.). Segregate from phthalate containing inks to avoid contamination.

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
Weight per gallon:	9.7-14

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:	These products are not listed as carcinogens by NTP, IARC, EPA, or OSHA. These products are not listed as reproductive or developmental toxins by EPA.		
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: 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/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: EH4218, ES4779, ES4871 and ES7876 contain <15% copper
EH2251, EH3408, EH4218, ES3101, ES4779, and ES4871 contain <25% Zinc Compound

The products listed below contain:

Barium Compound:	<19%	As Barium:	<4.75%
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C36446, EB6446, EH5107, EH5112, EH5118, EH5134, EH5154, EH5166,
EH5167, EH5172, EH5173, EH5179, EH5675, EH5724, EH6032, EH6086, EH6087, EH6088,
EH6186, EH6188, EH6200, EH6279, EH6286, EH6330, EH6331, EH6332, EH6333, EH6334,
EH6335, EH6359, EH6360, EH6361, EH6400, EH6419, EH6485, EH6785, EH6795, EH6797,
EH6805, EH6807, EH6994, EH7114, EH7120, EH7439, EH7497, EH7731, EL6279, EL6400,
EM6446, M36446, VL6279

AUSTRALIAN INVENTORY CHEMICAL SUBSTANCES: Unknown at this time.

CANADIAN INVENTORY: None

15. REGULATORY INFORMATION (CONTINUED)

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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