



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:	1
Reactivity:	0
Personal Protection:	B

IN CASE OF EMERGENCY CONTACT: 704/553-0046

PRODUCT NAME: Rutland Screen Printing Plastisol
CHEMICAL FAMILY: Polyvinyl Chloride Dispersion, Non-Phthalate
PRODUCT CODE: ES0246, NPT Shatter Base

MSDS NUMBER: ES0246
DATE REVISED: 12/20/2010
SUPERSEDES: 11/21/2008
VERSION: 3

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2. HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	% BY WEIGHT	TLV	PEL
Acrylic Ester	Mixture	<15%	Not Established	Not Established
Mineral Spirits	8052-41-3	<3%	100 ppm	100 ppm

The above ingredients are defined as hazardous by OSHA 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

EYE CONTACT: Eye irritation may occur

SKIN CONTACT: May be irritating to the skin. Repeated contact may cause a more severe skin reaction. It may cause delayed irritation or blistering. Skin sensitization (allergic skin reaction) may occur with repeated or prolonged contact.

INGESTION: Slight ingestion hazard

3. HAZARDS IDENTIFICATION (CONTINUED)

INHALATION: Not a problem at room temperature, but fumes formed at elevated temperatures may cause respiratory irritation, breathing difficulties, dizziness, or light-headedness.

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. If breathing difficulties develop or persist, get medical attention.

INGESTION: None necessary for small quantities.

5. FIRE FIGHTING MEASURES

FLASH POINT (° F): >200 (COC)

OSHA FLAMMABILITY CLASSIFICATION: None

EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical, or water mist.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus.

EXPLOSION LIMITS IN AIR - LOWER (%): Not Determined **UPPER (%):** Not Determined

AUTO IGNITION TEMP (° F): Not Determined

UNUSUAL FIRE AND EXPLOSION HAZARDS: High heat or oxydizers may cause spontaneous polymerizing reaction generating heat and pressure. Closed containers may expand or rupture during polymerization.

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:	Recommended
EYE AND FACE PROTECTION:	Safety glasses recommended.
OTHER PROTECTIVE EQUIPMENT:	If product is sprayed, or heated vapors are present, use approved vapor respirator. Long sleeves and apron to prevent direct skin contact.
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:	Unknown
Melting Point:	Unknown
Physical State:	Thick Liquid
Color:	Cream
% Volatile by Weight:	<5%
VOC (g/l):	<75 g/l
Evaporation Rate (Butyl Acetate=1):	Unknown
Weight per gallon:	11.6-12.6

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.
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11. TOXICOLOGICAL INFORMATION (CONTINUED)

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 can 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: Immediate (Acute), Delayed (Chronic)
SARA SECTION 313 TOXIC CHEMICALS: None
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

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:

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