



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 Modifier
CHEMICAL FAMILY: Polyvinyl Chloride Dispersion,
PRODUCT CODE: EA0015, PTF Dulling Paste/Suede Additive

MSDS NUMBER: 89
DATE REVISED: 9/22/2008
DATE PRINTED: 9/22/2008
SUPERSEDES: None
VERSION: 1

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

EMERGENCY OVERVIEW: Low hazard for normal industrial use.

EYE CONTACT: Possible eye irritation

SKIN CONTACT: Possible skin irritation

INGESTION: Not a likely route of exposure. 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: If victim is conscious, give liquids and induce vomiting. Get medical attention.

MEDICAL CONDITIONS AGGRAVATED: None

NOTE TO PHYSICIAN: None

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 (%): Unknown

EXPLOSION LIMITS IN AIR - UPPER (%): Unknown

AUTO IGNITION TEMP (° F): Unknown

UNUSUAL FIRE AND EXPLOSION HAZARDS: May evolve a flammable gas (less than 8% based on the total weight of the product) at elevated temperatures. This could cause closed containers to expand.

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 expand containers. Use caution in opening expanded containers.

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:	Usually not required.
VENTILATION:	Local exhaust as needed near processing equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range/Point:	Not Applicable
Vapor Pressure:	Not Applicable
Vapor Density (AIR=1):	>1
Freezing Point:	Not Applicable
Melting Point:	Not Applicable
Physical State:	Thick Liquid
Color:	White or cream
% Volatile by Weight:	0.2%-4%
VOC (g/l):	2 - 50 g/l
Evaporation Rate (Butyl Acetate=1):	Unknown
Specific Gravity @ 25° C:	1.08-1.20
Weight per gallon:	9.0-10.0

10. STABILITY AND REACTIVITY

STABILITY:	Material is stable
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:	CO, CO ₂ .
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: Dispose of materials in accordance with the applicable Local, State, and Federal regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not Applicable

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: 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

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:

All recommendations and statements made, if any, are based on Rutland's research and experience. However, since Rutland has no control over the conditions of use or storage of the product sold, Rutland cannot guarantee the results obtained through the use of its products. All products are sold and samples are given without any representation or warranty, expressed or implied, of fitness for any particular purpose or otherwise, and upon condition that the buyer shall determine the suitability of the product for its own purposes. This applies also where protective rights of third parties are involved. It does not release the user from the obligation to test the suitability of the product for the intended use and application.



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CHEMICAL FAMILY: Polyvinyl Chloride Dispersion,

PRODUCT CODE: EA0055, PTF Puff additive

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

MSDS NUMBER: 84

DATE REVISED: 7/29/2008

DATE PRINTED: 9/22/2008

SUPERSEDES: 9/5/2007

VERSION: 2

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UN/NA NUMBER: None

DOT PACKING GROUP: None

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