



Rutland Plastic Technologies, Inc.  
 10021 Rodney Street  
 Pineville, NC 28134

## 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>1</b>
<b>Reactivity:</b>	<b>0</b>
<b>Personal Protection:</b>	<b>A</b>

**IN CASE OF EMERGENCY CONTACT** 704/553-0046

**PRODUCT NAME:** Quick Flash Additive  
**CHEMICAL FAMILY:** Polyvinyl Chloride Homopolymer  
**CAS NUMBER:** 9002-86-2  
**PRODUCT CODE:** M00009

**MSDS NUMBER:** 60  
**DATE REVISED:** 11/8/00  
**DATE PRINTED:** 4/3/01

### 2. Hazardous Ingredients

HAZARDOUS INGREDIENT	CAS #	% BY WEIGHT	TLV	PEL
Vinyl Chloride Monomer	75-01-4	>8.5 ppm	5 ppm	ppm(TWA)
Polyvinyl Chloride Dust			10 mg/m <sup>3</sup> Total Dust	15 mg/m <sup>3</sup> Total Dust 5 mg/m <sup>3</sup> Respirable Dust

### 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Vinyl chloride monomer is a cancer suspect agent. Long term exposure to vinyl chloride has caused cancer in animals, including a rare form of liver cancer. Vinyl chloride monomer is classified as a carcinogen by ACGIH, NTP, IARC, and OSHA.

**EYE CONTACT:** May cause eye irritation

**SKIN CONTACT:** Low hazard for normal industrial use.

**INHALATION:** May cause breathing difficulty or respiratory irritation

### 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.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT (° F)** Not applicable

**OSHA FLAMMABILITY CLASSIFICATION:** None

**EXTINGUISHING MEDIA:** Water, All-purpose (ABC) dry chemical, foam.

**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** When exposed to open flames, emits acrid fumes and hydrogen chloride. No explosive hazards expected.

## 6. ACCIDENTAL RELEASE MEASURES

**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** M00009 may be swept up for normal disposal.

## 7. HANDLING AND STORAGE

**HANDLING:** Wash thoroughly after handling.

**STORAGE:** Do not store near heat or flame.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use with adequate ventilation.

**RESPIRATORY PROTECTION EQUIPMENT:** NIOSH approved dust respirator for concentrations above the TLV (10 mg/m<sup>3</sup>)

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

<b>PROTECTIVE GLOVES:</b>	Usually not required.
<b>EYE AND FACE PROTECTION:</b>	Safety glasses recommended.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Usually not required.
<b>VENTILATION:</b>	Local exhaust as needed near processing equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Range/Point:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable
<b>Vapor Density (AIR=1):</b>	Not applicable
<b>Freezing Point:</b>	Not applicable
<b>Melting Point:</b>	Not applicable
<b>Physical State:</b>	Fine powder
<b>Color:</b>	White
<b>% Volatile by Weight:</b>	Not applicable
<b>VOC (g/l):</b>	Not applicable
<b>Evaporation Rate (Butyl Acetate=1):</b>	Not applicable
<b>Specific Gravity @ 25° C:</b>	1.38 - 1.42
<b>Weight per gallon:</b>	Not applicable

## 10. STABILITY AND REACTIVITY

<b>STABILITY:</b>	Material is stable
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:</b>	CO, CO <sub>2</sub> , HCl
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	None

## 11. TOXICOLOGICAL INFORMATION

<b>CARCINOGENICITY:</b>	This product is not listed as a carcinogen by NTP, IARC, or OSHA.
<b>ACUTE ORAL LD50:</b>	Not available
<b>ACUTE DERMAL LD50:</b>	Not available
<b>ACUTE INHALATION LC50:</b>	Not available

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Unknown

**CHEMICAL FATE INFORMATION:** Unknown

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Spilled M00009 is not a hazardous waste under U.S. Federal RCRA regulations; however, since Rutland Plastic Technologies Inc. has no control over the use of this product or any changes the user may make to it, please consult the Local, State, and Federal regulations for proper disposal.

## 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:** Vinyl chloride monomer

**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:**

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