



## MATERIAL SAFETY DATA SHEET

---

### Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

---

**Product Name:** Color Change™

**Manufacturer:** FRANMAR CHEMICAL, INC.  
10282 E. 1400 North Rd., Bloomington, IL 61705

**Emergency Telephone Numbers:** (309) 828-2900

---

### Section 2: COMPOSITION, INFORMATION OR INGREDIENTS

---

Ingredient Name	CAS Number	Percent
-----------------	------------	---------

The precise composition of this product is proprietary information. A more complete disclosure will be provided to a physician in the event of a medical emergency.

---

### Section 3: HAZARD IDENTIFICATION

---

#### Emergency Overview

#### Routes of Entry

Inhalation, skin, eyes, ingestion.

#### Health Effects: Eyes

May cause slight eye irritation.

#### Health Effects: Skin

May cause slight skin irritation on repeated or prolonged contact.

#### Health Effects: Ingestion

May cause injury if swallowed in large amounts.

#### Health Effects: Inhalation

Excessive breathing of spray mist may cause irritation.

#### Medical Conditions Generally Aggravated By Exposure / Target Organs

None known.

---

### Section 4: FIRST AID MEASURES

---

#### Eyes

Flush eyes with running water for 15 minutes. If irritation persists, obtain immediate medical aid.

#### Skin

Wash with water. Remove contaminated clothing and launder before reuse.

#### Ingestion

If swallowed in large amounts do not induce vomiting. Call a physician.

### **Inhalation**

For excessive breathing of spray mist, remove victim to fresh air. Consult a physician.

---

## **Section 5: FIRE FIGHTING MEASURES**

---

### **Flash Point**

Above 200°F (setaflash)

### **Flammable Limits**

Not established.

### **Extinguishing Media**

CO<sub>2</sub>, dry chemical, foam or water fog or fine spray.

### **Special Fire Fighting Procedures**

Do not use direct water stream.

### **Unusual Fire & Explosion Hazards**

None known.

---

## **Section 6: ACCIDENTAL RELEASE MEASURES**

---

### **Release or Spill**

Wear protective clothing. Contain the spill. Return to suitable container and hold for disposal.

---

## **Section 7: HANDLING AND STORAGE**

---

### **Handling and Storage**

Normal care in handling and storage.

---

## **Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

---

### **Personal Protective Equipment: Respiratory**

Not required in normal use.

### **Personal Protective Equipment: Eye / Face**

Safety glasses.

### **Personal Protective Equipment: Skin**

Impervious gloves.

### **Protective Clothing or Equipment**

As required.

### **Engineering Controls / Ventilation**

Local exhaust as required. Mechanical normally sufficient.

### **Work / Hygienic Practices**

Avoid eye and skin contact. Avoid excessive breathing of spray mist. Wash thoroughly after handling

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

---

### Physical State:

pH: 7.75

Boiling Point: > 400°F

Vapor Pressure: < .1 mm Hg

### Vapor Density:

Specific Gravity: < 1

Solubility In Water: Partial

Appearance and Odor: Clear, low viscosity liquid, mild odor.

### Color:

Freezing / Melting Point: N/A

Evaporation Rate: Less than 1 (n-butyl acetate=1)

VOC: 0% 0g/l

### Viscosity:

---

## Section 10: STABILITY AND REACTIVITY

---

### Stability

Stable

### Conditions to Avoid

Strong acids or bases. Oxidizing materials.

### Hazardous Decomposition or By-Product

Possibly aldehydes, ketones and organic acids.

### Hazardous Polymerization

Will not occur.

---

## Section 11: TOXICOLOGICAL INFORMATION

---

### Acute Data

### Carcinogenicity

Not listed by NTP, IARC, OSHA.

### Reproductive Effects

### Target Organ Effects

---

## Section 12: ECOLOGICAL INFORMATION

---

### Environmental Fate

### Environmental Effects

---

## Section 13: DISPOSAL CONSIDERATIONS

---

### Waste Disposal

Dispose of in accordance with all existing local, state, and federal ordinances.

---

## Section 14: TRANSPORT INFORMATION

---

**UN Hazard Class**

**DOT Transportation Data**

**NMF** *(National Motor Freight Classification)*

**Proper Shipping Name**

**Identification Number**

**Packing Group**

**Shipping Classification**

**DOT Classification**

**DOT Proper Shipping Name**

---

## Section 15: REGULATORY INFORMATION

---

**Other Regulatory Requirements**

---

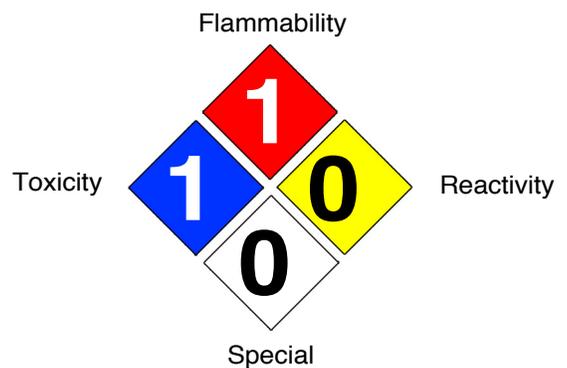
## Section 16: OTHER INFORMATION

---

**Other Information**

**NFPA HAZARD RATING**

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant



The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.