

# MATERIAL SAFETY DATA SHEET

## Section I - Product Information

### Product Details:

**Trade Name:** Fastcure Gloss 2013

**Synonym I Description:** UV Curable Overprint Varnish

### Application of Substance / the preparation

A low odor, non-combustible UV glossy coating **most suitable** for use in prints produced by **Ricoh digital toner based printers**.

### Manufacturer / Supplier:



111 Trade Zone Court  
Ronkonkoma NY 11779  
Tele: (631)-319-6203

Information Department: Regulatory Affairs

Information in case of emergency: +1 800 535 5053 (Infotrak, 24th)

## Section II - Composition / Data on Components

Ingredients	%TW	C.A.S.	TLV	LD50 ORAL RAT	LD50 DERMAL RABBIT	LC50 INHALATION RAT	SOURCE
Polyester Acrylate	20-60	Proprietary	TBD	TBD	TBD	TBD	ACGIH
Acrylic Ester #1	20-30	Proprietary	TBD	TBD	TBD	TBD	ACGIH
Acrylic Ester #2	20-40	Proprietary	TBD	TBD	TBD	N/A	ACGIH
Acrylic Ester #3	20-40	Proprietary	TBD	TBD	TBD	N/A	ACGIH
Photo-Initiator Blend	10-20	Proprietary	TBD	TBD	TBD	N/A	ACGIH

## Section III - Hazards Identification

**Hazard Description:** Not Applicable

**Information pertaining to particular dangers for man and environment:**

Only for trade users/ technical specialists

### Classification System:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

### NFPA ratings (Scale 0-4)

Health = 0

Fire = 1

Reactivity = 1

## Section IV - First Aid Measures

### General Information:

Immediately remove any clothing soiled by the product

Involve doctor immediately

- **After Inhalation:** Supply fresh air, consult doctor in case of complaints

- **Skin Contact:**

Immediately wash with water and soap and rinse thoroughly

Avoid contact with UV- and sunlight

- **After Eye Contact:**

Rinse opened eye for several minutes under running water. Then consult doctor.

- **After Swallowing:**

Call a doctor immediately

Rinse out mouth and then drink plenty of water

## Section V - Fire Fighting Measures

- **Suitable Extinguishing Agents:**

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **Special hazards caused by the material, its products or combustion or resulting gases:** COx

- **Protective Equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit

## Section VI - Accidental Release Measures

### Person-related safety precautions:

Ensure adequate ventilation

Keep people at a distance and stay upwind

### Measures for environment protection:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/surface or ground water

### Measures for cleaning/collecting:

Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, saw dust).

## Section VII - Handling and Storage

### Handling:

### Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care

**Information about protection against explosion and fires:**

Keep ignition sources away - Do not smoke

Protect from heat

**Information about storage conditions**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

Store under lock and key and with access restricted to technical experts and or their assistants only.

Do not expose to temperatures above 40 °C

## Section VIII - Exposure Controls and Personal Protection

Personal Protective Equipment For:

**Eye protection:** Wear chemical type splash goggles or full-face shield.

**Skin protection:**

Wear protective clothing, including impermeable apron and gloves constructed of:  
nitrile rubber, neoprene, rubber or polyvinyl alcohol.

**Respiratory Protection:**

Over exposure to vapors may be prevented by ensuring ventilation controls, vapor exhaust or fresh air entry.

NIOSH/MSHA approved (TC-23C-) paint spray or air supplied (TC-13C-) respirators may also reduce exposure. In all cases, read the manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which in respirator is effective and how it is properly fitted.

**Other Equipment:** Clean or discard contaminated clothing and shoes.

**Ventilation Requirements:** Provide general dilution or local exhaust ventilation in volume and pattern to keep the concentration of ingredients listed in section II below the longest exposure limits. In section IV below the stated limit, and to remove decomposition products during welding and flame cutting on surfaces coated with this product.

## Section IX - Physical and Chemical Properties

**General Information:**

<b>Form:</b>	Liquid
<b>Color:</b>	Hazy Light Yellow
<b>Odor:</b>	Mild Organic

<b>Change in condition, Melting Point/ Melting range, Boiling Point/Boiling Range</b>	Undetermined Undetermined
<b>Flash Point</b>	> 100 °C ( > 212 °F)
<b>Danger of explosion:</b>	Product does not present explosion hazard
<b>Density at 25 °C</b>	1.20 g/cm <sup>3</sup>
<b>Solubility in/ Miscibility with Water at 23 °C</b>	< 1 g/l

## Section X - Stability and Reactivity

### **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications

Polymerization occurs when exposed to white light, ultraviolet light or heat

### **Materials to be avoided:**

Avoid contact with radical forming initiators, peroxides, strong alkalis or reactive metals to prevent exothermic polymerization

**Dangerous Reactions:** None known

**Dangerous products of decomposition:** None known