

Revised  
January 2003



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## MATERIAL SAFETY DATA SHEETS

### PRIMER SF

HMIS	HEALTH	2	FLAMMABILITY	2	REACTIVITY	0
NFPA	HEALTH	2	FIRE HAZARD	2	REACTIVITY	0

#### 1. GENERAL INFORMATION

PRODUCT NAME: PRIMER SF  
CHEMICAL FAMILY: Activator

#### 2. COMPOSITION

Ingredients	CAS No.	%
Hydroxyalkyl methacrylate	27813-02-1	90-95
2-Ethylhexanoic acid	149-57-5	1-3
Organo-copper compound	22221-10-9	1-3
Trialkylammonium Carboxylate	58823-74-8	1-3

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Hydroxyalkyl methacrylate	None	None	1 ppm TWA 3 ppm STEL
2-Ethylhexanoic acid	5 mg/m <sup>3</sup> resp fr vapor/aerosol	None	None
Organo-copper compound	Cu 0.2mg/m <sup>3</sup> fume Cu 1 mg/m <sup>3</sup> dust	Cu 0.1mg/m <sup>3</sup> Cu 1 mg/m <sup>3</sup> dust	None

  

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
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#### 3. HAZARD PROPERTIES

Toxicity:	Severe eye irritant. Moderate skin irritant. Possible inhalation irritant. May be harmful if swallowed. May cause kidney or liver damage. Estimated oral LD50 more than 5000 mg/kg. Estimated dermal LD50 more than 2000 mg/kg.
Primary Routes of Entry:	Eye, skin, inhalation, ingestion.
Signs and Symptoms of Exposure:	May cause severe dermatitis on prolonged contact in sensitive individuals.
Existing Conditions Aggravated by Exposure:	none.

#### 4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation:	Remove to fresh air. If symptoms persist, obtain medical attention
Skin Contact:	Wash with soap and water.
Eye Contact:	Flush at least 15 minutes with water. Obtain medical attention.



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### 5. FIRE FIGHTING PROCEDURES

Flash Point: More than 200°F Method: Pinsky Martens Closed Cup  
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical  
Special Firefighting Procedures: Not available  
Hazardous Products formed  
by Fire or Thermal Decomp Irritating organic vapors; oxides of carbon.  
Unusual Fire or Explosion Hazards: None  
Explosive Limits:  
  
(% by volume in air)Lower Not available  
(% by volume in air)Upper Not available

### 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Soak up in an inert absorbent. Store in a partly filled, closed container until disposal

### 7. HANDLING AND STORAGE

Safe Storage: Store below 100°F  
Handling: Avoid skin contact. Keep away from eyes.  
Avoid prolonged breathing of vapors.

### 8. PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Nitrile or neoprene gloves.  
Ventilation: Sufficient to maintain vapor concentration below TLV.  
  
Respiratory: Not available  
  
See Section 2 for Exposure Limits.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid  
Odor: Slightly acrylic  
Boiling Point: 158°F at 1mm  
pH: Approximately 5  
Solubility in Water: Moderate  
Specific Gravity: 1.035 at 77°F  
Volatile Organic Compound  
(EPA Method 24) 97%; 1005 grams per liter  
Vapor Pressure: 0.05mm at 68°F  
Vapor Density: Approximately 1  
Evaporation Rate  
(Ether = 1) Not available

### 10. REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Oxidizing and reducing agents.  
Conditions to Avoid: Not available  
Hazardous Decomposition  
Products (non-thermal): None

### 11. TOXICOLOGY INFORMATION

See Section 3.



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### 12. ECOLOGICAL INFORMATION

No data available

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### 13. DISPOSAL INFORMATION

Recommended methods of disposal:  
EPA Hazardous Waste Number

Incinerate following EPA and local regulations.  
NH - Not a RCRA Hazardous Waste Material

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### 14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)  
Domestic Ground Transport  
Proper Shipping Name:  
Hazard Class or Division:  
Identification Number:  
Marine Pollutant:  
IATA  
Proper Shipping Name:  
Class or Division:  
UN or ID Number:

Unrestricted  
Unrestricted  
None  
None  
Unrestricted  
Unrestricted  
None

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