

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b> EF® Primer 50	<b>Product Type:</b> Primer
<b>Company :</b> Hernon Manufacturing, Inc. 121 Tech Drive Sanford, FL 32771	<b>Contact Information:</b> Telephone: 407-322-4000 Emergency Telephone: 800-255-3924 Web Site: www.hernon.com

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Physical state: Liquid  
Color: Green  
Odor: Acetone

**HMIS:**  
HEALTH: 2  
FLAMMABILITY: 3  
PHYSICAL HAZARD: 0  
Personal Protection: See Section 8

**DANGER:** FLAMMABLE LIQUID AND VAPOR.  
CAUSES EYE, AND SKIN IRRITATION.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.

**Primary Routes of Entry:** Inhalation, Ingestion, Contact

### Signs and Symptoms of Exposure:

**Inhalation:** Harmful if inhaled. Vapors and mists will irritate nose and throat and possibly eyes. May cause respiratory tract irritation. Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

**Skin Contact:** Irritating to skin. Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.

**Eye Contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.

**Ingestion:** Harmful if swallowed.

**Existing Conditions Aggravated by Exposure:** Eye, skin, and respiratory disorders.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Acetone	60-100	500 ppm TWA 750 ppm STEL	1000 ppm TWA 2400 mg/m <sup>3</sup> TWA	None
Copper Salt	0.1 - 1	None	None	None
Accelerator	0.1 - 1	None	None	None

## 4. FIRST AID MEASURES

**Ingestion:** If conscious, drink plenty of water. 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 with copious amounts of water, preferably, lukewarm water for at least 15

minutes, holding eyelids open all the time.

**5. FIRE FIGHTING MEASURES**

**Flash Point (TCC):** Approximately -4°F  
**Recommended Extinguishing Agents:** Carbon dioxide, foam, dry chemical  
**Special Firefighting Procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.  
**Hazardous Combustion Products:** Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.  
**Unusual Fire or Explosion Hazards:** Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.  
**Flammable/Explosive Limits – lower %:** 2.6 Acetone  
**Flammable/Explosive Limits – upper %:** 13 Acetone

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Wear proper protective equipment  
**Measures for Environmental Protection:** Do not allow entry into drains or surface waters  
**Clean-up Measures:** Avoid flame and sparks. Maintain adequate ventilation. Soak up in inert absorbent and store in a closed container until disposal.

**7. HANDLING AND STORAGE**

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition.  
**Storage:** Store away from heat, sparks, flames, or other sources of ignition. For safe storage, store at or below 120°F.

**8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Eye/Face Protection:** Safety glasses or goggles with side shields  
**Skin Protection:** Use rubber or plastic gloves, and protective clothing as necessary  
**Respiratory Protection:** Use NIOSH approved respirator if there is a potential to exceed exposure limits  
**Engineering Controls:** Forced ventilation may be required if concentrations exceed exposure limits

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid  
**Color:** Green  
**Odor:** Acetone  
**Vapor Pressure:** 172 mmHg at 68°F  
**Vapor Density:** 2.0

Solubility in Water: Completely miscible  
 Specific Gravity: 0.794  
 Boiling Point: 133°F  
 Volatile Organic Compound Content: 1.48%  
 Evaporation Rate (Ether = 1): 1.9  
 pH: Does not apply

**10. STABILITY AND REACTIVITY**

Stability: Stable  
 Hazardous Polymerization: Will not occur  
 Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.  
 Incompatibility: Strong oxidizers, peroxides

**11. TOXICOLOGICAL INFORMATION**

Ingredients:	Literature Referenced Target Organ and Other Health Effects	Carcinogen Status		
		NTP	IARC	OSHA
Acetone	BLO CNS IRR REP	NO	NO	NO
Copper Salt		NO	NO	NO
Accelerator		NO	NO	NO

Abbreviations:

**BLO** Blood      **IRR** Irritant      **REP** Reproductive      **CNS** Central Nervous System

**12. ECOLOGICAL INFORMATION**

Ecological Information: Not available

**13. DISPOSAL CONSIDERATIONS**

Recommended methods of disposal: Dispose of according to Federal, State and Local regulations.  
 EPA Hazardous Waste Number: D001: Ignitable

**14. TRANSPORTATION INFORMATION**

U.S. Dept. of Transportation Ground (49 CFR):  
 Proper Shipping Name: Acetone solution  
 Hazard Class or Division: 3

Identification Number UN 1090  
Packing group: II  
*Exceptions:* Consumer Commodity ORM-D (Not more than 1 Liter)

**International Air Transportation (ICAO/IATA):**

Proper Shipping Name: Acetone solution  
Hazard Class or Division: 3  
Identification Number UN 1090  
Packing group: II  
*Exceptions:* May Qualify as Consumer Commodity ID8000 (Not more than 500 ml)

**Water Transportation (IMO/IMDG):**

Proper Shipping Name: Acetone solution  
Hazard Class or Division: 3  
Identification Number UN 1090  
Packing group: II  
Marine pollutant: None  
*Exceptions:* Limited quantity (Not more than 1 L)

**15. REGULATORY INFORMATION**

**United States Regulatory Information**

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory  
**CERCLA/SARA 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372): None  
**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**16. OTHER INFORMATION**

**Prepared By:** Jerry Litteral  
**Title:** Director - Quality & Development

**DISCLAIMER:** Some of the information presented is from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.