

1. PRODUCT AND COMPANY IDENTIFICATION

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Aerosol
Color: Green
Odor: Acetone

HMS:
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, Skin contact, Eyes, Ingestion

Signs and Symptoms of Exposure:

Inhalation: 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: Moderately toxic by ingestion.

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	75-80	500 ppm TWA 750 ppm STEL	1000 ppm TWA 2400 mg/m ³ TWA	None
Isobutane	20-25	1000 ppm TWA listed under aliphatic hydrocarbon gases alkane C1-C4	None	None
Organo-copper compound	1-3	Cu 0.2 mg/m ³ fume Cu 1 mg/m ³ dust	Cu 1 mg/m ³ Cu 1 mg/m ³ dust	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 %: Not available

Flammable/Explosive Limits – upper %: Not available

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 82°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:	Aerosol
Color:	Green
Odor:	Acetone
Vapor Pressure:	Approximately 172 mmHg at 68°F (Base only)
Vapor Density:	2.0
Solubility in Water:	Completely miscible
Specific Gravity:	0.794 at 75°F
Boiling Point:	Not available
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, acids

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
Isobutane	CAR CNS LUN	NO	NO	NO
Organo-copper compound	No data	NO	NO	NO

Abbreviations:

BLO Blood	IRR Irritant	REP Reproductive
CAR Cardiac	LUN Lung	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: Aerosols, flammable
Hazard Class or Division: 2.1
Identification Number: UN 1950
Packing group: None
Exceptions: Consumer Commodity ORM-D (Not more than 1 Liter)
DOT Reportable Quantity (lbs): Acetone is reportable at 5000 pounds (2270 kg).

International Air Transportation (ICAO/IATA):

Proper Shipping Name: Aerosols, flammable
Hazard Class or Division: 2.1
Identification Number: UN 1950
Packing group: None
Exceptions: May Qualify as Consumer Commodity ID8000 (Not more than 500 ml)

Water Transportation (IMO/IMDG):

Proper Shipping Name: Aerosols, flammable
Hazard Class or Division: 2
Identification Number: UN 1950
Packing group: None
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): Contains copper

16. OTHER INFORMATION

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

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