

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b> EF® Accelerator 58	<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: Clear, colorless  
Odor: Aliphatic

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

**DANGER:** EXTREMELY FLAMMABLE.  
VAPOR MAY CAUSE FLASH FIRE  
HARMFUL OR FATAL IF SWALLOWED.  
HARMFUL IF INHALED.  
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT

**Primary Routes of Entry:** Inhalation, Skin contact, Eyes, Ingestion

**Signs and Symptoms of Exposure:**

**Inhalation:** Central nervous system effects. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Residue remaining after evaporation of the solvent is destructive to mucous membranes.

**Skin contact:** May cause irritation due to defatting of the skin. Redness. Residue remaining after evaporation of the solvent is destructive to skin.

**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation. Residue remaining after evaporation of the solvent is destructive to eyes.

**Ingestion:** Ingestion may cause irritation to mucous membranes. Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

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

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
n-Heptane	95-100	400 ppm TWA 500 ppm STEL	2000 mg/m <sup>3</sup> TWA 500 ppm TWA	None

4. FIRST AID MEASURES	
<b>Ingestion:</b>	Do not induce vomiting. Obtain medical attention.
<b>Inhalation:</b>	Remove to fresh air. If symptoms develop and persist, get medical attention.
<b>Skin Contact:</b>	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing
<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
<b>Notes to physician:</b>	Aspiration may cause pulmonary edema or aspiration pneumonia.
5. FIRE FIGHTING MEASURES	
<b>Flash Point (TCC):</b>	30°F
<b>Recommended Extinguishing Agents:</b>	Carbon dioxide, foam, dry chemical
<b>Special Firefighting Procedures:</b>	Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
<b>Hazardous Combustion Products:</b>	Oxides of carbon. Oxides of nitrogen.
<b>Unusual Fire or Explosion Hazards:</b>	Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
<b>Flammable/Explosive Limits – lower %:</b>	1.1
<b>Flammable/Explosive Limits – upper %:</b>	6.7
6. ACCIDENTAL RELEASE MEASURES	
<b>Personal Precautions:</b>	Wear proper protective equipment
<b>Measures for Environmental Protection:</b>	Remove sources of ignition. Do not allow entry into drains or surface waters
<b>Clean-up Measures:</b>	Avoid flame and sparks. Maintain adequate ventilation. Soak up in inert absorbent and store in a closed container until disposal.
7. HANDLING AND STORAGE	
<b>Handling:</b>	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.
<b>Storage:</b>	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	
<b>Eye/Face Protection:</b>	Safety glasses or goggles with side shields
<b>Skin Protection:</b>	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.
<b>Respiratory Protection:</b>	Use NIOSH approved respirator if there is a potential to exceed exposure limits
<b>Engineering Controls:</b>	Forced ventilation may be required if concentrations exceed exposure limits

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear, colorless
Odor:	Aliphatic
Vapor Pressure:	35 mmHg at 68°F
Vapor Density:	3.45
Solubility in Water:	Immiscible
Specific Gravity:	0.7 at 75°F
Boiling Point:	205-210°F
Volatile Organic Compound Content	99.9%; 700 g/l
Evaporation Rate (Ether = 1)	2.7
pH:	Does not apply

### 10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	No data available
Incompatibility:	Acids, oxidizing agents

### 11. TOXICOLOGICAL INFORMATION

Ingredients:	Literature Referenced Target Organ and Other Health Effects	Carcinogen Status		
		NTP	IARC	OSHA
n-Heptane	CNS IRR	NO	NO	NO

#### Abbreviations:

IRR Irritant      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:** Heptane solutions  
**Hazard Class or Division:** 3  
**Identification Number:** UN 1206  
**Packing group:** II  
**Exceptions:** Consumer Commodity ORM-D (Not more than 1 Liter)

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

**Proper Shipping Name:** Heptane solutions  
**Hazard Class or Division:** 3  
**Identification Number:** UN 1206  
**Packing group:** II  
**Exceptions:** May Qualify as Consumer Commodity ID8000 (Not more than 500 ml)

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

**Proper Shipping Name:** Heptane solutions  
**Hazard Class or Division:** 3  
**Identification Number:** UN 1206  
**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  
**TSCA 12 (b) Export Notification:** n-Heptane  
**CERCLA/SARA Section 302 EHS:** None.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard, Fire  
**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.

#### Canada Regulatory Information

**CEPA DSL/NDSL Status:** All components are listed on or are exempt from listing on the Domestic Substances List.  
**WHMIS hazard class:** B.2, D.2.B

### 16. OTHER INFORMATION

**Prepared By:**

Jerry Litteral

**Title:**

Director - Quality & Development

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