

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b> Ultrabond® 758	<b>Product Type:</b> UV Adhesive
<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.hernonmfg.com

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Heterocyclic Methacrylate	50-55	None	None	None
Polyurethane Methacrylate Resin	30-35	None	None	None
Acrylic Acid	5-7	2ppm TWA (skin)	10 ppm TWA 30 mg/m <sup>3</sup>	1 ppm TWA (skin) 3ppm STEL (skin)
Hydroxyalkyl Methacrylate	5-7	None	None	1ppmTWA; 3ppm STEL
Photoinitiator	1-5	None	None	None

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Physical state: Liquid  
Color: Clear  
Odor: Sharp

**HMIS:**  
HEALTH: 2  
FLAMMABILITY: 1  
PHYSICAL HAZARD: 1  
Personal Protection: See Section 8

**WARNING:** MAY CAUSE EYE, AND SKIN IRRITATION.  
MAY CAUSE ALLERGIC SKIN REACTION.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.

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

### Signs and Symptoms of Exposure:

<b>Inhalation:</b>	May cause irritation to nose and throat.
<b>Eye Contact:</b>	Vapors may irritate eyes. Contact with eyes will cause irritation.
<b>Skin Contact:</b>	Irritating to skin. May cause allergic skin reaction.
<b>Ingestion:</b>	May be harmful if swallowed. May cause gastrointestinal tract irritation if swallowed.

**Existing Conditions Aggravated by Exposure:** Skin disorders. Eye disorders. Acrylic acid: Respiratory disorders. Lung disease.

## 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. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
Eye Contact:	Flush at least 15 minutes with water. Obtain medical attention.

## 5. FIRE FIGHTING MEASURES

Flash Point (TCC):	>200°F
Recommended Extinguishing Agents:	Carbon dioxide, foam, dry chemical
Special Firefighting Procedures:	Not available
Hazardous Combustion Products:	Irritating organic vapors
Unusual Fire or Explosion Hazards:	None
Flammable/Explosive Limits – lower %:	2.0% Acrylic Acid
Flammable/Explosive Limits – upper %:	8.0% Acrylic Acid

## 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:	Soak up with an inert absorbent. Store in partly filled, closed container until disposal.

## 7. HANDLING AND STORAGE

Handling:	Avoid prolonged skin contact. Keep away from eyes. Avoid prolonged breathing of vapors.
Storage:	Store below 110°F to preserve shelf life.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye/Face Protection:	Safety glasses or goggles with side shields
Skin Protection:	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:	Clear
Odor:	Sharp
Vapor Pressure:	< 5 mm Hg at 80°C
Vapor Density:	Not available
Solubility in Water:	Low
Specific Gravity:	1.04 at 75°F
Boiling Point:	More than 300°F
Volatile Organic Compound Content	2.9%; 30.2 grams/liter
Evaporation Rate (Ether = 1)	Not available
pH:	NA

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	Oxides of carbon. Irritating organic vapors.
Incompatibility:	Strong oxidizers. Reducing agents. Acids. Bases. Alkalis. Aldehydes. Amines. Free radical initiators. Peroxides.

## 11. TOXICOLOGICAL INFORMATION

Toxicity:	Estimated oral LD50 more than 5000 mg/kg. Estimated dermal LD50 more than 2000 mg/kg							
Ingredients:	Literature Referenced Target Organ and Other Health Effects						Carcinogen Status	
							NTP	IARC OSHA
Heterocyclic Methacrylate	IRR						NO	NO NO
Polyurethane Methacrylate Resin	No data						NO	NO NO
Acrylic Acid	COR	ALG	IRR	KID	LIV		NO	NO NO
Hydroxyalkyl methacrylate	ALG	KID					NO	NO NO
Photoinitiator	No data						NO	NO NO

### Abbreviations:

**ALG** Allergen    **COR** Corrosive    **IRR** Irritant    **KID** Kidney    **LIV** Liver

## 12. ECOLOGICAL INFORMATION

Water Hazard:	Do not allow entry into drains or surface waters
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## 13. DISPOSAL CONSIDERATIONS

**Recommended methods of disposal:** Dispose of according to Federal, State and Local regulations.  
**EPA Hazardous Waste Number:** Not an RCRA hazardous waste

## 14. TRANSPORTATION INFORMATION

### U.S. Dept. of Transportation Ground (49 CFR):

**Proper Shipping Name** Unrestricted  
**Hazard Class or Division:** None  
**Identification Number** None  
**Packing group:** None

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

**Proper Shipping Name:** Unrestricted  
**Hazard Class or Division:** None  
**Identification Number** None  
**Packing group:** None

### Water Transportation (IMO/IMDG):

**Proper Shipping Name:** Unrestricted  
**Hazard Class or Division:** None  
**Identification Number** None  
**Packing group:** None  
**Marine pollutant:** None

## 15. 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): Acrylic Acid

## 16. OTHER INFORMATION

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

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