

This safety data sheet complies with the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issue Date 09-Jul-2015

Revision Date 12-Aug-2015

Version 1

**Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product Code MS-120  
Product Name InstantBond120

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Recommended Use Adhesives  
Uses advised against None known

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Heron Manufacturing Inc.  
121 Tech Drive  
Sanford, FL 32771  
800-527-0004

For further information, please contact

Contact Point customerservice@hernon.com

**1.4. Emergency telephone number**

Emergency Telephone Chemtel 800-255-3924

Emergency Telephone - §45 - (EC)1272/2008

Europe 112

**Section 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity (single exposure)	Category 3 - (H335)

Classification according to Directive 67/548/EEC or 1999/45/EC

Full text of R-phrases: see section 16

**2.2. Label elements**

Product identifier

**Signal word**

Warning

**Hazard statements**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

EUH208 - May produce an allergic reaction

**Precautionary Statements - EU (§28, 1272/2008)**

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P280 - Wear protective gloves and eye/face protection

**2.3. Other hazards**

No information available

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
CYANOCACRYLATE	230-391-5	7085-85-0	60-100	Xi; R36/37/38	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) STOT SE 3 (H335)	No data available
PHTHALIC ANHYDRIDE	201-607-5	85-44-9	0.1-1.0	Xn; R22 Xi; R37/38-41 R42/43	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Resp. Sens. 1 (H334) Skin Sens. 1 (H317) STOT SE 3 (H335)	No data available

**Full text of R-phrases: see section 16****Full text of H- and EUH-phrases: see section 16****Section 4: FIRST AID MEASURES****4.1. Description of first aid measures****Inhalation**

Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention immediately.

**Skin contact**

No attempt should be made to remove material from skin or to remove contaminated clothing, as bonded skin can be easily torn. Wash with large volumes of soap and water while flexing bonded skin parts. This procedure will slowly release bonded areas. DO NOT attempt to pull skin apart forcibly.

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<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.

**4.2. Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

**5.1. Extinguishing media****Suitable extinguishing media**

Water spray (fog). Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

No information available

**5.2. Special hazards arising from the substance or mixture**

Thermal decomposition can lead to release of irritating and toxic gases and vapors

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## Section 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Avoid contact with eyes and skin. Use personal protective equipment as required.

**For emergency responders**

Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Prevent product from entering drains.

**6.3. Methods and material for containment and cleaning up****Methods for containment**

Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**

Following product recovery, flush area with water.

**6.4. Reference to other sections**

See section 8 for more information. See section 13 for more information.

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Wash thoroughly after handling.

#### General Hygiene Considerations

Wear suitable gloves and eye/face protection.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Store refrigerated.

#### Incompatible materials

Water. Alcohols. Amines. Alkali.

### 7.3. Specific end use(s)

#### Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
PHTHALIC ANHYDRIDE 85-44-9	-	TWA: 4 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	STEL: 6 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 6 mg/m <sup>3</sup>	-
CYANOCACRYLATE 7085-85-0	-	STEL: 0.3 ppm STEL: 1.5 mg/m <sup>3</sup>	-	TWA: 0.2 ppm	-
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
PHTHALIC ANHYDRIDE 85-44-9	-	TWA: 1 ppm	-	TWA: 0.2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>
CYANOCACRYLATE 7085-85-0	-	TWA: 0.2 ppm	-	TWA: 0.2 ppm TWA: 1 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 10 mg/m <sup>3</sup>
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
PHTHALIC ANHYDRIDE 85-44-9	TWA: 1 mg/m <sup>3</sup> STEL 2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 1 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>
CYANOCACRYLATE 7085-85-0	TWA: 2 ppm TWA: 9 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 9 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	-	TWA: 0.2 ppm STEL: 0.6 ppm

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2. Exposure controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas. Eyewash stations.

#### Personal protective equipment

##### Eye/face protection

Wear safety glasses with side shields (or goggles).

##### Skin and body protection

Suitable protective clothing.

**Environmental exposure controls** No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	liquid	<b>Odor</b>	Sharp
<b>Appearance</b>	No information available	<b>Odor threshold</b>	No information available
<b>Color</b>	clear colorless		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	Does Not Apply		
<b>Melting point / freezing point</b>		No information available	
<b>Boiling point / boiling range</b>	> 149 °C / 300 °F		
<b>Flash point</b>	> 66 °C / 150 °F		
<b>Evaporation rate</b>		No information available	
<b>Flammability (solid, gas)</b>		No information available	
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>		No information available	
<b>Lower flammability limit:</b>		No information available	
<b>Vapor pressure</b>	<0.2 mm Hg		
<b>Vapor density</b>	<= 3		
<b>Relative density</b>	1.10		
<b>Water solubility</b>	Polymerization can occur		
<b>Solubility(ies)</b>		No information available	
<b>Partition coefficient</b>		No information available	
<b>Autoignition temperature</b>		No information available	
<b>Decomposition temperature</b>		No information available	
<b>Kinematic viscosity</b>		No information available	
<b>Dynamic viscosity</b>		No information available	
<b>Explosive properties</b>	No information available		
<b>Oxidizing properties</b>	No information available		
<b><u>9.2. Other information</u></b>			
<b>Softening point</b>	No information available		
<b>Molecular weight</b>	No information available		
<b>VOC Content (%)</b>	<20g/L Calif SCAQMD Mtd 316B estimated		
<b>Density</b>	No information available		
<b>Bulk density</b>	No information available		

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under recommended storage conditions.

#### Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

### 10.3. Possibility of hazardous reactions

#### **Possibility of Hazardous Reactions**

None under normal processing.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Water. Alcohols. Amines. Alkali.

#### 10.6. Hazardous decomposition products

None known.

### Section 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### Acute toxicity

##### Product Information

Harmful if swallowed. Harmful by skin contact. Harmful by inhalation.

<b>Inhalation</b>	Harmful by inhalation.
<b>Eye contact</b>	Avoid contact with eyes.
<b>Skin contact</b>	Harmful in contact with skin.
<b>Ingestion</b>	May be harmful if swallowed.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 4,989.99

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
CYANOACRYLATE	> 5 mL/kg ( Rat )		
PHTHALIC ANHYDRIDE	= 1530 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 210 mg/m <sup>3</sup> ( Rat ) 1 h

<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

### Section 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

No information available.

#### 12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient
PHTHALIC ANHYDRIDE	0.73

#### 12.4. Mobility in soil

##### Mobility in soil

No information available.

#### 12.5. Results of PBT and vPvB assessment

No information available.

#### 12.6. Other adverse effects

No information available

### Section 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

**Waste from residues/unused products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Improper disposal or reuse of this container may be dangerous and illegal.

### Section 14: TRANSPORT INFORMATION

#### IMDG

14.1 UN/ID no.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

#### RID

14.1 UN/ID no.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

#### ADR

14.1 UN/ID no.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

**IATA**

14.1 UN/ID no.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

**DOT**

UN/ID no.	Not regulated
Proper shipping name	none
Hazard Class	Not regulated
Packing Group	none

<b>Section 15: REGULATORY INFORMATION</b>
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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Chemical Name	French RG number	Title
PTHALIC ANHYDRIDE 85-44-9	RG 66, RG 66bis	-
CYANOCACRYLATE 7085-85-0	RG 66	-

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009** Not applicable

**International Inventories**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

All ingredients are on the inventory or are exempt from listing.

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### 15.2. Chemical safety assessment

No information available

## Section 16: OTHER INFORMATION

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of R-phrases referred to under sections 2 and 3

No information available

#### Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H302 - Harmful if swallowed

H318 - Causes serious eye damage

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H317 - May cause an allergic skin reaction

#### Legend

SVHC: Substances of Very High Concern for Authorization:

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Prepared By SDS coordinator

Issue Date 09-Jul-2015

Revision Date 12-Aug-2015

Revision Note Not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

#### Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet