

# Safety Data Sheet

## 1. Commercial Name – Hybrid Hero

## 2. Composition / Information on Ingredients

Ingredient	CAS NO.
Ethyl-2-Cyanoacrylate	7085-85-0
Alkoxy-2-Cyanoacrylate	21982-43-4
n-Butyl 2-Cyanoacrylate	6806-65-1
Polymethyl Methacrylate	9011-14-7
Carbon Black	1333-86-4

## 3. Hazards Identification

This product is a black color, Solvent borne Cyano Methacrylate.

**Inhalation** : Vapor can cause headache, nausea and irritation of the nose, throat and lungs.

**Eye** : Contact with vapor or liquid may irritate the eyes.

**Skin** : Slightly irritating to the skin.

**Ingestion** : May cause pain, nausea and vomiting.

## 4. First Aid Measures

**Inhalation** : Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention immediately.

**Eye Contact** : Immediately flush eyes with running water for at least 15 minutes. If redness, itching or a burning sensation develops, see a physician.

**Skin Contact** : Remove contaminated clothing/shoes and wipe off excess from skin, Wash exposed area with soap and water. If redness, itching or a burning sensation develops, get medical attention.

**Ingestion** : Get medical attention immediately.

**Note to Physicians** : None for this material.

## 5. Fire-Fighting Measures

**Extinguishing Media** : Use dry chemical, carbon dioxide, foam or spray as appropriate for surrounding fire.

**Fire-Fighting Instructions** : Do not enter any enclosed or confined fire space without full protective equipment, including self-contained breathing apparatus.

## 6. Accidental Release Measures

**Small Spills** : Dike and absorb with inert material such as sand and remove all liquid with the use of a vacuum system. If unable to remove liquid, then begin to absorb with sand, saw dust or commercial absorbent, and scoop up and place in containers for proper disposal. Keep spills and cleaning runoff out of the municipal sewers and open bodies of water. Decontaminate all clothing and the spill area with a detergent and large amounts of water.

**Large Spills** : Use same procedure as small spill.

## 7. Handling and Storage

**Handling Precautions** : Avoid skin or eye contacts. Avoid prolonged or repeated breathing of vapors and mists. If spilled on clothing, launder before reuse. Do not take internally. Use only in a well ventilated area keep out of the reach of children.

**Storage Requirements** : Keep from freezing. Product will coagulate. Keep container tightly closed when not in use. Do not get in eyes, on skin or on clothing. Monomer vapors can be evolved with material is heated. Containers, even those that have been emptied, will retain product residue vapors and are subject to proper waste disposal, as above.

## 8. Exposure Controls/Personal Protection

**Protective Clothing/Equipment** : The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation. Use Chemical Goggles if splashing may occur.

## 9. Physical and Chemical Properties

**Physical State** : Liquid

**pH** : N/A

**Water Solubility** : N/A

**Boiling Point** : 190°C

**Flash Point** : 92°C

## 10. Stability and Reactivity

**Hazardous Decomposition Products** : Thermal decomposition may yield acrylic monomer, carbon monoxide and carbon dioxide. Unidentified organic compounds in fumes and smoke may be formed during combustion.

## 11. Toxicological Information

**Ingestion**: Uncategorized

**Inhalation**: May cause respiratory irritation.

**Skin contact**: Slightly irritating to skin. Due to skin surface Polymerization, allergic reactions are unlikely.

**Irritation**: Eye irritation. In a dry atmosphere with a humidity of less than 50%, steam may irritate the eyes And respiratory system.

**Corrosion**: Not classified.

**Sensitization**: Not classified.

**Repeated dose toxicity**: Not classified.

**Carcinogenicity**: There is no evidence of carcinogenicity.

**Mutagenicity**: There is no evidence of mutagenic potential.

**Reproductive toxicity**: No data.

**Other information**: None.

## 12. Ecological Information

Not data available

### 13. Disposal Information

Waste disposal method: Don't pour drain. Follow domestic and local environmental regulations.

Precautions to be taken in handling and storing: Avoid unnecessary exposure to air and moisture. Don't store above 25°C and in direct sunlight. Keep container lids tightly closed.

Other Precautions: Avoid contact with skin and eyes. Protect eyes, skin and clothing from contact with liquid product. Wear recommended equipment.

### 14. Transport Information

U.S.Department of Transportation Ground Transport (49 CFR 172)

Proper shipping name: Unrestricted (Not more than 450 liters.) Combustible liquids n.o.s.(Cyanoacrylate ester) (More than 450 liters)

Hazard class or division: Unrestricted (Not more than 450 liters.) Combustible liquids. (More than 450 liters)

Identification number: None (Not more than 450 liters.) NA1993 (More than 450 liters)

Marine pollutant: None.

International Air Transportation (ICA/IATA) Proper shipping name: Unrestricted

Class or division: Unrestricted UN or ID number: None

Water Transportation (IMO/IMDG)

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Marine pollutant: None

### 15. Regulatory Information

CA Proposition 65: No California proposition 65 chemicals are known to be present.

TSCA 8(b) Inventory Status: All components are listed or are exempt from listing on Toxic Substances Control Act Inventory.

EINECS All components are listed on EINECS

### 16. Other Information

Estimated NFPA(R) Code: Health Hazard: 2

Fire Hazard: 2

Reactivity Hazard: 1

Specific Hazard: Does not apply

Estimated HMIS(R) Code: Health Hazard: 2

Flammability Hazard: 2