

# Barristo Enterprises, Inc., dba SureHold®

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product Identifier BX01 Flexible CA Adhesive, Part No. 20120, BX01

#### Relevant identified uses of the substance or mixture and uses advised against

Intended Use: Cyanoacrylate Adhesive

#### Details of the supplier of the safety data sheet

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#### 24 Hour Emergency telephone number

Emergency Tel: 800-881-4495

#### Email address

[information@surehold.com](mailto:information@surehold.com)

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

This product is not classified according to the CLP regulation.

#### Label elements:

Hazard pictogram:	None
Single word:	None
Emergency Overview:	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
Precautionary Statement	None

#### Other hazards:

None if used properly.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

General chemical description: Cyanoacrylate Adhesive

Base substances of preparation: Cyanoacrylate

Chemical Name	CAS-No	EINECS Number Index Number REACH-Reg No.	Weight - %
2-Methoxyethyl 2-cyanoacrylate	27816-23-5	248-670-5	>90-<100% *

\* The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****Description of first aid measures**

General advice	If symptoms persist, call a physician.
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
Skin contact:	IF ON SKIN: Wash with soap and water. Allow warm water to penetrate the bond and gently attempt to remove bonded areas without pulling the skin away from bonded area. If skin irritation persists, call a physician.
Eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eyelids are bonded closed, release eyelashes with warm water by covering with a wet pad. If eye irritation persists, Get medical advice/attention.
Ingestion:	Not an expected route of exposure. Ensure that breathing passages are not obstructed. The product will polymerize immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth.

**Most important symptoms and effects, both acute and delayed:** No data available

**Indication of any immediate medical attention and special treatment needed:** See section: Description of first aid measures

**5. FIRE FIGHTING MEASURES****Extinguishing media**

Suitable extinguishing media:	Alcohol-resistant foam, dry powder, carbon dioxide, water spray jet
Unsuitable extinguishing media:	High volume water jet.

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

In the event of fire, the following can be released: Nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

**Advice for firefighters**

In case of fire and/or exposure do not breathe fumes. Firefighters should wear positive pressure self-contained breathing apparatus (SCBA). Firefighting operations, rescue and cleaning work under effect of combustion and smolder gases may be done with breathing apparatus. Dispose of contaminated extinction water according to official regulations.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel:	Use personal protective clothing.
For emergency responders:	Avoid contact with eyes or skin.

**Environmental precautions**

If leakage occurs, dam up. Resolve leaks, if possible, without risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system. If accidental entry into drainage system occurs, inform responsible authorities.

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

Do not use cloth for clean-up. Flood with water to complete polymerization and scrape up the polymer. Solid material can be disposed as non-hazardous waste.

**Reference to other sections**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mists. Wash thoroughly after handling. Avoid contact with fabric and paper goods. Contact with these may cause polymerization that can generate smoke and strong
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irritating vapors, and can cause thermal burns.  
 Advice on general occupational hygiene: Wash hands and face before eating.

**Conditions for safe storage, including and incompatibilities**

Keep in a cool, well-ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready to use. Incompatible products: Do not store together with alkalis.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure controls**

Appropriate Engineering Controls:	If general ventilation is insufficient to maintain vapor concentration below established exposure limits, use protective downdraft exhaust ventilation.
Individual protection measures	Keep away from food stuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin
General protective and hygienic measures	Safety glasses with side shields or chemical splash goggles.
Eye/Face protection	Wear protective gloves and protective clothing. Do not use PVC, rubber, cotton or nylon gloves.
Skin and body protection	Tested protective gloves are to be worn: Suitable material: synthetic rubber gloves. In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.
Hand protection	None needed.
Respiratory protection	When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.
General Hygiene Considerations	Do not empty into drains or the aquatic environment.
Environmental exposure controls	

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

Physical state:	Liquid
Appearance:	Colorless to straw color
Odor:	Low odor
Odor threshold	Not available.
pH:	Not applicable.
Melting point/freezing point:	---
Initial boiling point and boiling range:	>200°C
Flash point	80-93.4°C (Method: Tag closed cup)
Evaporation rate (Butyl acetate = 1):	Not available.
Flammability:	Not available.
Upper flammability limit:	Not available.
Lower flammability limit:	Not available.
Vapor Pressure (25°C):	Less than 0.2 mmHg
Vapor Density (Air=1):	Approximately 3
Relative Density:	1.1g/cm <sup>3</sup>
Solubility:	Polymerizes in the presence of water.
Partition coefficient:	Not applicable.
Auto-ignition temperature:	485°C
Decomposition temperature:	Not applicable.
Viscosity	30-50 cps.
Explosive properties:	Product is not explosive.
Oxidizing properties:	Product is not oxidizing.

**Other information**

Specific gravity: 1.10 (25°C)  
VOC content: Less than 2%; 20g/l (California SCAQMD Method 361B)

## 10. STABILITY AND REACTIVITY

### Reactivity

Rapid exothermic polymerization will occur in the presence of water, amines, alkalis, oxidizing agents, alcohols.  
Stable under recommended storage conditions.

### Chemical stability

This product is in compliance with the storage and processing conditions, chemically stable.

### Possibility of hazardous reactions

Danger of polymerization. Polymerization with evolution of heat.

### Conditions to avoid

None if used for intended purpose.

### Incompatible materials

Water, amines, alkalis, oxidizing agents and alcohols.

### Hazardous decomposition products

Carbon monoxide and carbon dioxide. Nitrous oxides (NOx).

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

To the best of our knowledge no harmful effect are to be expected if the product is handled and used properly.

### Germ cell mutagenicity:

Hazardous components CAS No.	Result	Type of study/ Route of administration	Metabolic activation/ Exposure time	Species	Method
2-Methoxyethyl 2-cyanoacrylate 27816-23-5	Negative	Bacterial reverse mutation assay (e.g. Ames test)	With and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

**Carcinogenicity:** According to NTP, OSHA and IARC, the substance is not carcinogen.

## 12. ECOLOGICAL INFORMATION

### Toxicity

Biological and chemical oxygen demands (BOD and COD) are insignificant. Do not empty into drains/surface water/ground water. Do not allow uncontrolled leakage of the product into the environment.

### Persistence and degradability

No information available.

### Bioaccumulative potential

No information available.

### Mobility in soil

Cured adhesives are immobile.

### Results of PBT and vPvB assessment:

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### Other adverse effects

No further relevant information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.  
Cured adhesive: Disposal as of water insoluble non-toxic solid chemical

in authorized landfill or incinerate under controlled conditions.

Contaminated packaging	After use, tubes, cartons, and bottles containing residual product should be disposed of as chemically contaminated waste in an authorized legal land fill site or incinerated. Disposal must be made according to official regulations.
Special precautions:	Not applicable
Relevant community/national/regional provisions:	Not available.

## 14. TRANSPORT INFORMATION

<b>DOT</b>	<b>Proper shipping name</b>	Not regulated
<b>IATA</b>	<b>Proper shipping name</b>	Not regulated
<b>IMGD</b>	<b>Proper shipping name</b>	Not regulated

This product is not classified as dangerous for carriage.

## 15. REGULATORY INFORMATION

### International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Not Listed
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

### **Legend:**

TSCA – United States Toxic Substance 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 Substance  
 AICS – Australian Inventory of Chemical Substances

### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

## 16. OTHER INFORMATION

HMIS	Health hazards 2	Flammability 2	Physical hazards 1	Personal protection
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HMIS (Hazardous Material Information System)

Further information This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties. Substances have been classified in accordance with Regulation (EC) 1272/2008 (CLP).