

Barristo Enterprises, Inc., dba SureHold®

SAFETY DATA SHEET

Super Repair Flexible Instant Adhesive Part A

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product Name Super Repair Flexible Instant Adhesive Part A, Adhesive

Part Number 90210

Company Barristo Enterprises, Inc. dba SureHold
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Chicago, IL 60613
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2. HAZARDS IDENTIFICATION

Main hazards Warning. Combustible liquid. Causes eye irritation.

Primary Routes of Entry Eyes, Skin

Signs and Symptom of Exposure Inhalation – irritation, coughing, breath shortness, chest tightness
Skin contact – redness, inflammation
Eye contact - irritation

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component	Conc.	CAS	EINECS	ACGIH;TLV-TWA	OSHA PEL
2-Methoxyethyl cyanoacrylate	>70 – ≤98%	27816-23-5	2248-670-5	0.2 ppm TWA	
Silicones and siloxanes, dimethyl-reaction products with silica	1 – 10%	67762-90-7	----	10 mg/m ³ TWA (inhalable dust) 3 mg/m ³ TWA (respirable fraction)	15 mg/ m ³ TWA (total dust) 5 mg/m ³ TWA (respirable fraction)
Acrylic polymer	1 -10%	----	----	----	4 mg/m ³ TWA (respirable dust) 10 mg/m ³ TWA (inhalable dust)

4. FIRST AID MEASURES

Skin contact Do not pull bonded skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm, soapy water. Cyanoacrylates give off heat on solidification. In rare cases a large drop will generate enough heat to cause a burn. Burns should be treated normally after the adhesive has been removed from the skin. If lips are accidentally stuck together, apply warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull the lips apart with direct opposing action.

Eye contact	If the eye is bonded closed, release eyelashes with warm water by covering with wet pad. Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive. Keep eye covered until debonding is complete, usually within 1-3 days. Do not force eye open. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.
Inhalation	Move to fresh air.
Ingestion	Ensure that breathing passages are not obstructed. The product will polymerize immediately in the mouth making it impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours).

5. FIRE FIGHTING MEASURES

Extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazardous Product of Combustion	Carbon oxides, nitrogen oxides (NOx)
Special Firefighting Procedures	Wear self-contained breathing apparatus for firefighting if necessary.
Unusual Fire/Explosion Hazards	Use water spray to cool unopened containers.
Lower Explosive Limit	No data available / Not applicable
Upper Explosive Limit	No data available / Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation. Remove all sources of ignition.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean-up methods	Do not use cloths for mopping up. Flood with water complete polymerization and scrape off the floor. Cured material can be disposed of as non-hazardous waste.

7. HANDLING AND STORAGE

Handling	Ventilation (low level) is recommended when using large volumes. Use of dispensing equipment is recommended to minimize the risk of skin or eye contact. Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working. Good industrial hygiene practices should be observed.
Storage	For optimum shelf life, store in original containers under refrigerated conditions at 2-8°C (35.6 – 46.4°F)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day.
Respiratory protection	Ensure adequate ventilation
Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Use impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Eye/face protection	Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless, Liquid
Odor	Odorless
Boiling point / range	74°C - 76°C (165°F - 169°F)
Flash point	No data available. / Not applicable.
pH	No data available. / Not applicable.
Melting point / range	No data available. / Not applicable.
Solubility in Water	Polymerizes in the presence of water
Specific Gravity	No data available. / Not applicable.
VOC (Wt.%)	
Viscosity	No data available. / Not applicable.
Vapor Pressure	No data available. / Not applicable.
Density	1.06 g/cm ³
Flammability	No data available. / Not applicable.
Evaporation rate	No data available. / Not applicable.

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Conditions to avoid	Heat, flames and sparks.
Materials to avoid	Reducing agents, water, amines, alcohols, alkali metals, oxidizing agents.
Hazardous decomposition products	No data available.

11. TOXICOLOGICAL INFORMATION

Product toxicity data	Acute oral LD50 greater than 5,000 mg/kg (rat) (estimated) Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated)
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12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local, state and federal regulations. Do not allow product to enter drains. Do not empty into drains.
Disposal methods	Dispose of in compliance with all local, state and federal regulations.
Disposal of packaging	Empty containers can be disposed of as unused product.

14. TRANSPORT INFORMATION**DOT (49CFR 172)****US Department of Transportation – DOT – 49 CFR (Ground)**

Proper Shipping Name	Combustible liquids, n.o.s. (Cyanoacrylate ester)		
Hazard Class	Combustible liquid	Packaging Group	III
UN/ID Number	NA 1993		
Exceptions	(Not more than 450 Liters), Unrestricted		

IATA (Air)

Proper Shipping Name	Aviation regulated liquid n.o.s (Cyanoacrylate ester).		
Class or Division	Class 9	Packaging Group	None
UN/ID Number	UN 3334		
Exceptions			

IMDG (Vessel)

Proper Shipping Name	Not regulated	Packaging Group	None
Hazard Class	None		
UN Number	None		

15. REGULATORY INFORMATION

SARA Section 302 EHS	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
Sara Sections 311/312	Immediate Health, Delayed Health, Fire, Reactive
Sara Section 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	This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
TSCA 8 (b) Inventory Status	All components of this product are listed (or exempt) on the EPA TSCA Inventory.
TSCA 12 (b) Export Notifications	None above the reporting De Minimis.
Canada Regulatory Information	
WHMIS hazard class	

16. OTHER INFORMATION

Estimated HMIS Classification	HEALTH , FLAMMABILITY , REACTIVITY HAZARD
(HMIS is a registered trademark of the National Paint and Coatings Association)	
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication; however, no guarantee is made to it accuracy. This 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 other process.

Barristo Enterprises, Inc., dba SureHold®**SAFETY DATA SHEET****Super Repair Flexible Instant Adhesive Part B****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY**

Product Name	Super Repair Flexible Instant Adhesive Part B, Activator
Part Number	90210
Company	Barristo Enterprises, Inc. dba SureHold 3717 N Ravenswood Avenue, Suite 243 Chicago, IL 60613 info@surehold.com www.surehold.com
Telephone	+ 773-472-8592; Toll Free 800-881-4495
Fax	+ 773-525-1750
Emergency telephone number	800-881-4495

2. HAZARDS IDENTIFICATION

Main hazards	Not a hazardous substance or mixture.
Primary Routes of Entry	N/A
Signs and Symptom of Exposure	<u>Inhalation</u> – none known <u>Skin contact</u> – none known <u>Eye contact</u> – none known <u>Ingestion</u> - none known

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component	Conc.	CAS	EINECS	ACGIH;TLV-TWA	OSHA PEL
Silicones and siloxanes, dimethyl-reaction products with silica	1 – 10%	67762-90-7		10 mg/m ³ TWA (inhalable dust) 3 mg/m ³ TWA (respirable fraction)	15 mg/ m ³ TWA (total dust) 5 mg/m ³ TWA (respirable fraction)

4. FIRST AID MEASURES

Skin contact	No known effects
Eye contact	No known effects
Inhalation	No known effects
Ingestion	No known effects

5. FIRE FIGHTING MEASURES

Extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
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Hazardous Product of Combustion	None known.
Special Firefighting Procedures	No data available. / Not applicable.
Unusual Fire/Explosion Hazards	None known.
Lower Explosive Limit	No data available. / Not applicable.
Upper Explosive Limit	No data available. / Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	No data available. / Not applicable.
Environmental precautions	No adverse effects for the environment are known.
Clean-up methods	For small spills, wipe up with paper towel and place in container for disposal. For large spills, absorb onto inert absorbent material and place in sealed container for disposal.

7. HANDLING AND STORAGE

Handling	No data available. / Not applicable.
Storage	No data available. / Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day.
Respiratory protection	No special protection is needed.
Skin protection	No special protection is needed.
Eye/face protection	No special protection is needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless, Liquid
Odor	Characteristic
Boiling point / range	No data available. / Not applicable.
Flash point	< 160°C (320°F)
pH	No data available. / Not applicable.
Melting point / range	No data available. / Not applicable.
Solubility in Water	No data available. / Not applicable.
Specific Gravity	No data available. / Not applicable.
VOC (Wt.%)	
Viscosity	No data available. / Not applicable.
Vapor Pressure	No data available. / Not applicable.
Density	No data available. / Not applicable.

Flammability No data available. / Not applicable.

Evaporation rate No data available. / Not applicable.

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Conditions to avoid No data available. / Not applicable.

Materials to avoid No data available. / Not applicable.

Hazardous decomposition products No data available. / Not applicable.

11. TOXICOLOGICAL INFORMATION

Product toxicity data No data available. / Not applicable.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations. Do not allow product to enter drains. Do not empty into drains.

Disposal methods Dispose of in compliance with all local and national regulations.

Disposal of packaging Dispose of as unused product.

14. TRANSPORT INFORMATION**DOT (49CFR 172)****US Department of Transportation – DOT – 49 CFR (Ground)**

Proper Shipping Name Not regulated

Hazard Class None

Packaging Group None

UN/ID Number None

Exceptions

IATA (Air)

Proper Shipping Name Not regulated

Class or Division None

Packaging Group None

UN/ID Number None

Exceptions

IMDG (Vessel)

Proper Shipping Name Not regulated

Packaging Group None

Hazard Class None

UN Number None

15. REGULATORY INFORMATION

SARA Section 302 EHS No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Sara Sections 311/312 None

Sara Section 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	This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
TSCA 8 (b) Inventory Status	All components of this product are listed (or exempt) on the EPA TSCA Inventory.
TSCA 12 (b) Export Notifications	None above the reporting De Minimis.
Canada Regulatory Information	
WHMIS hazard class	

16. OTHER INFORMATION

Estimated HMIS HEALTH , FLAMMABILITY REACTIVITY HAZARD

Classification

(HMIS is a registered trademark of the National Paint and Coatings Association)

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication; however, no guarantee is made to its accuracy. This 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 other process.