

# Cyberbond LLC

401 N. Raddant Rd. Batavia, IL 60510  
Tel: 630-761-8900; Fax: 630-761-8989

Emergency Tel: 800-535-5053

## Material Safety Data Sheet

### FRAME FAST® LIQUID STAPLE® # 850 ADHESIVE AND SCREEN BLOCK OUT MATERIAL SAFETY DATA SHEET

#### Section 1 - Chemical Product Identification

Product Name: Liquid Staple® # 850 Adhesive and Screen Block Out Item Number: 850  
Product Type: Polyester Resin Solution

#### Section 2 - Composition, Information on Ingredients

Ingredients:

	<u>CAS Number</u>	<u>Percent</u>
Methylene chloride	75-09-2	83.0
Non-Hazardous and other ingredients	Proprietary	Balance

#### Section 3 - Hazards Identification

A hazardous evaluation of this product has been performed. The component listed below is identified as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Toxicity: Components:

Methylene Chloride:

Can cause liver and kidney damage and arrhythmias. Benign and malignant lung and liver tumors were observed in mice; increases in benign mammary tumors in rats. Bone marrow micronucleus was negative. Found to be mutagenic bacteria

Oral LD50	Rat	2,136 mg/kg
	Rat	1,600 mg/kg
Inhalation LD50	Mouse	14,400 ppm/7-hours
	Rat	88g/M3

Contains Methylene chloride, which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure. This data is derived from animal studies. Methylene chloride is not believed to pose a measurable carcinogenic risk to man when handled as recommended.

#### Section 3 - Hazards Identification (cont.)

Primary routes of entry: Eye, Skin, and inhalation (breathing).

Eye contact: Causes moderate irritation. Can cause burning sensation, tearing, and redness.

Skin contact: Causes moderate irritation. Can be absorbed through the skin in harmful amounts. Can cause redness, itching, and burning sensation.

Inhalation (Breathing): Irritation to the eyes, nose, and respiratory tract. Can cause dizziness, headaches, and lack of coordination.

Ingestion (Swallowing): Severely irritating to the mouth, throat and stomach. Can be harmful if swallowed. Can cause dizziness, faintness, headache, and lack of coordination. Possible aspiration hazard.

Target Organs/Chronic Effects: Liver. Kidneys. Nervous System. Blood and/or blood forming organs. Heart and/or circulatory system. Skin. Eyes. Conditions aggravated by exposure: Liver. Kidneys. Nervous system. Blood and/or blood forming organs. Heart and/or circulatory system. Skin.

Carcinogenicity:	ACGIH	IARC	NTP	OSHA
Methylene Chloride	Yes	Yes	Yes	Yes

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### **Section 4 - First Aid Procedures**

**Eye Contact:** Flush eyes with plenty of water for 15 minutes. Get medical attention if irritation occurs.

**Skin Contact:** Remove contaminated clothing. Wash with soap and plenty of water. Get medical attention if irritation develops. Wash contaminated clothing separately before re-use.

**Inhalation (Breathing):** Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing give artificial respiration.

**Ingestion (swallowing):** Seek medical attention. INDUCE vomiting, as directed by medical personnel. Do not give anything by mouth to an unconscious person.

**Notes to Physician:** Certain chlorinated hydrocarbons can cause arrhythmias, including ventricular tachicardia and fibrillation. This effect is potentiated by endogenous adrenergic agents released during emotional or physical stress or excitement, or by the administration of epinephrine-like drugs.

### **Section 5 - Flammability and Explosive Properties**

**Flash Point :** greater than 200°F (93.3°C)

**Method:** Seta flash Closed Cup

**Explosive Limits:** LEL (%) Not Determined UEL (%) Not Determined

**Auto ignition:** Not Determined

**Hazardous Combustion and Decomposition Products:** Smoke, soot, and toxic/irritating fumes (carbon dioxide, carbon monoxide, etc.) Hydrogen Chloride.

**Fire and Explosion Hazards:** High temperatures can cause sealed containers to rupture due to a buildup of internal pressure. Cool with water. During a fire, irritating and highly toxic gasses may be generated during combustion or decomposition.

**Extinguishing Media:** SMALL FIRES: Dry chemical, carbon dioxide, halon, water spray, or foam.

LARGE FIRES: water spray, fog, or alcohol foam.

**Fire Fighting Procedures/Equipment:** Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

### **Section 6 - Spill or Leak Procedures**

**Steps to take in case of a spill or leak:**

**Evacuation:** Isolate hazard area. Keep unnecessary and unprotected personnel from entering area.

**Containment:** Safely stop discharge. Contain material, as necessary, with a dike or barrier. Stop material from contaminating soil, or from entering sewers or bodies of water.

**Clean Up/Personal Protection Equipment:** Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-contained breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded. See section 8.

**Collection and Disposal:** Stop discharge, if safe to do so. Use proper protective equipment. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state, and federal regulations.

**Reporting of Spills:** Spills of this material in excess of a component's RQ must be reported to the National Response Center (1-888-424-8802)

and to the appropriate state and local emergency response organizations.

Methylene Chloride: RQ=1000 LB

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### Section 7 - Handling and Storage Information

Storage containers: Store in a cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed. Transfer: No special precautions are needed. Follow good manufacturing and handling practices.

Personal Hygiene: Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Professionally launder contaminated clothing before re-use.

Special Handling: Vapors are heavier than air and will collect in confined and low areas. Do not enter areas where vapors are suspected unless special breathing equipment is used and an observer is present for assistance.

Empty Container Precautions: ATTENTION! This container may be hazardous when empty. Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption or when skin contact might occur.

### Section 8 - Exposure Controls, Personal Protection

Exposure Guidelines:

ACGIH - TLV		
Methylene Chloride	50 ppm	Short-term exposure limit (STEL):
OSHA - PEL		125 ppm as determined over a
sampling		period of fifteen (15) minutes.
Methylene Chloride	25 ppm TWA	

Engineering Controls/Ventilation: Local exhaust ventilation is recommended when vapors, mists, or dusts can be released in excess of established airborne exposure limits (TLV, PEL, or STEL)

Eye Protection: Wear chemical splash goggles. An eye wash facility should be readily available.

Skin protection: Wear protective clothing and appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation. An emergency shower should be readily available.

Respiratory Protection: Avoid breathing vapor and/or mists. Industrial hygiene consultation is recommended because airborne exposure levels vary depending on the nature of the operation performed. Wear NIOSH/MSHA-approved equipment. Determine the appropriate type by consulting the respirator manufacturer.

High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA) or a supplied air respirator. Respiratory protection programs must be in compliance with 29 CFR 1910.134.

### Section 9 - Physical and Chemical Properties

Appearance:	Olive drab	Odor:	Solvent
Physical State:	Liquid	Solubility:	Insoluble
pH:	Not Applicable	VOC Material:	83% EPA Method
Specific Gravity:	1.32	%Non-Volatile:	17

### Section 10 - Stability and Reactive Data

Chemical Stability: Stable under normal conditions of use.

Hazardous polymerization: Will not occur.

Conditions to avoid: High temperatures.

Incompatibility with other materials: Oxidizers. Chemically active metals (i.e. nickel, cobalt, iron, copper, etc.). Stainless steel (304 or 316).

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## Section 11 - Toxicological Information

See Section 3

## Section 12 - Ecological Information

No data available.

## Section 13 - Disposal Consideration

Recommended methods of disposal: Dispose in accordance with all local, state, and federal regulations.

General Statements: Federal regulations may apply to empty containers. State and/or local regulations may be different.

General recommendations: of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order preference, based upon environmental acceptability: (1) recycle or rework if feasible; (2) incinerate at an authorized facility; (3) treat at an acceptable waste treatment facility.

Special Instructions: Be sure to contact the appropriate government agencies if further guidance is required.

## Section 14 - Shipping Information

For Ground Shipments (USA only)

For containers not over 1 gallon:

DOT Shipping Name:	Consumer Commodity
DOT Label:	ORM-D
DOT Identification No.:	None
DOT Hazardous Class:	None
DOT Packaging Group:	None

For containers over 1 gallon:

Dichloromethane Mixture
Toxic
UN-1593
6.1
III

Air (IATA) and Ocean (IMO) shipments:

Shipping Name:	Dichloromethane Mixture
Label:	Toxic
Hazard Class:	6.1
Identification No.:	UN-1593
Packaging Group:	III
IMO Page No.:	6127

## Section 15 - Regulatory Information

Federal:

This product is considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

SARA Title III - Section 311/312 - Hazard Categories:

- N - Fire Hazard
- N - Sudden Release of Pressure Hazard
- N - Reactivity Hazard
- Y - Immediate (acute) Health Hazard
- Y - Delayed (chronic) Health Hazard

Ozone-Depleting Chemicals- No regulated ingredients.

SARA Section 301 Extremely Hazardous Mat - No regulated ingredients.

SARA Section 313 Toxic Chemicals: Methylene Chloride

Chemical Listing - Listed on the following Country's Chemical Inventories:

United States: Toxic Substance Control Act

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### Section 15 - Regulatory Information (cont.)

Chemical components (s) on the section 8 (b) Chemical Substance Inventory List (40 CFR 710).

#### STATE RIGHT-TO KNOW:

Pennsylvania - New Jersey R-T-K

Methylene Chloride 75-09-2 83.0

Environmental and Special Hazard.

Non-Hazardous trade secret ingredient (s) Proprietary Balance

California - California Proposition 65

WARNING: This product contains a chemical (s) known to the State of California to cause cancer.

Methylene Chloride: 75-09-2 83.0

Cancer Hazard.

Antimony Oxide 1309-64-4 Trace \*

Cancer Hazard.

\*Trace = present at less than 0.01 percent.

CONEG - No data available.

#### CANADA:

This product is a "controlled product" under the Canadian Workplace Hazardous Material Information System (WHMIS).

Class D Division 2 Sub-division A Class D Division 2 Subdivision B

CEPA - NPRI

Methylene Chloride:

Canadian Chemical Inventory

Domestic Substance List

Transition

### Section 16 - Other Information

Hazard Ratings: **HMIS** **NFPA**

Health: 2\* 2\*

Fire: 1 1

Reactivity: 0 1

\* = Chronic

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coating Assn.

### Section 17 - Preparation Information

Revised: 9/13/2013

Prepared by: Cyberbond Regulatory Department