

**Material Safety Data Sheet****Frame Fast**  **Liquid Staple®  
LS200****1- Chemical Product and Company Identification:**Product Name: **Frame Fast LS-200**  
Date revised: 12/03/03

Product Type: Adhesive

**2- Composition/Information on Ingredients:**

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>%</u>
Acetone	67-64-1	75

<u>Exposure Limits (TWA)</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>	<u>OTHER</u>
Acetone	750 ppm	750 ppm	none

**3- Hazards Identification:**

Toxicity: Possible eye and respiratory irritant. Narcotic at high concentrations. Prolonged inhalation may cause headaches. Moderately toxic by ingestion. Liquid may dry out skin.

Primary routes of Entry: Inhalation, Ingestion, contact.

Signs of exposure: Vapors irritate eyes, nose, and throat. Liquid is an eye irritant and may irritate skin.

**4- First Aid Measures:**Ingestion: Give water to dilute. Do not induce vomiting. Keep individual calm and seek medical attention.  
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.  
Skin contact: Wash in warm water.  
Eye contact: Flush with warm water. Seek medical attention.**5- Fire Fighting Measures:**Flash Point: -4 °F, Tag Closed Cup  
Extinguishing Media: Foam, Dry Chemical or Carbon Dioxide  
Unusual Fire or Explosion Hazards: None.  
Special Fire Fighting Procedures: N/A.  
Hazardous Products Formed by Fire or Thermal decomposition: Irritating Organic Vapors**6-Accidental Release Measures**

Steps to be taken in case of spill or leak: Avoid flame and sparks. Maintain adequate ventilation. Soak up in an inert Absorbent and store in a closed container until disposal.

## **7- Handling and Storage:**

Safe storage: Store away from flame and sparks.  
Handling: Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors.  
Do not use around heat, sparks, or open flame.

## **8- Protective Equipment:**

Ventilation: Local exhaust ventilation is recommended to maintain vapor level below TLV.  
Respiratory protection: Not applicable with good local exhaust.  
Skin: Polyethylene or non reactive gloves.  
Eye protection: Safety glasses or goggles with side shields.

## **9- Physical and Chemical Properties:**

Appearance: Clear liquid  
Odor: characteristic  
Boiling Point: 133°F  
Vapor Pressure: 185mmHg @68°F  
Vapor Density: N/A  
Evaporation rate: Slower than ethyl ether  
Specific Gravity: .83 @ 77°F  
Solubility in water: Miscible  
VOC 0%, 0 grams/ liter

## **10- Stability and Reactivity**

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Avoid contact with strong oxidizing agents.

## **11- Toxicological Information**

See Section 3

## **12- Ecological Information**

No Data

## **13- Disposal Considerations:**

Disposal procedures: Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations.

## **14- Transportation Information**

Domestic Ground Transport:

Proper shipping name: Consumer Commodity (not more than one liter)  
Acetone Solution (more than one liter)  
Hazard class or division: ORM-D (Not more than one liter)  
Class 3, Packing Group II (More than one liter)  
Identification number: None (Not more than one liter)  
UN 1090 (More than one liter)  
Marine pollutant: No

**15- Regulatory Information**

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (United States) The intentional ingredients of this product are listed.

CERCLA RQ (Reportable Quantity) – 40 CFR 302.4 (a)

Component	RQ (lbs.)
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Acetone	5000
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SARA 302 Components – 40 CFR 355 Appendix A: NONE

Section 311/312 Hazard Class – 40 CFR 370.2

Immediate(x) Delayed(x) Fire(x) Reactive( ) Sudden Release of Pressure( )

SARA 313 Components – 40 CFR 372.65: NONE

International Regulations

Inventory Status: Not Determined

State and Local Regulations

CA Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance known to the state of California to cause reproductive harm; None

**16- Other Information**

<u>Hazard</u>	<u>NFPA Hazard Code®</u>	<u>HMIS Hazard Code®</u>
Health	2	2
Fire	4	4
Reactivity	0	0
Specific Hazard	Not Applicable	Personal protection: See Section 8

NFPA is a registered trademark of the National Fire Protection Association

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

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