

**Material Safety Data Sheet****Frame Fast**  **Liquid Staple®  
LS100****1- Chemical Product and Company Identification:**Product Name: **Frame Fast LS-100**

Product Type: Adhesive

Date revised: 06/10/03

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

| <u>Hazardous Component</u> | <u>CAS Number</u> | <u>%</u> |
|----------------------------|-------------------|----------|
| Acetone                    | 67-64-1           | 75-85    |

| <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: green, clear liquid  
Odor: Sharp, pungent  
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

## **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.) |
|-----------|-----------|
|-----------|-----------|

|         |      |
|---------|------|
| Acetone | 5000 |
|---------|------|

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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