

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)

<u>Component</u>	<u>RQ (lbs.)</u>
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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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