

Material Safety Data Sheet**Frame Fast**  **505****Section 1 - Chemical Product Identification**

Product Name: Frame Fast® “CYANO-OFF®” # 505 Cured Adhesive Remover Item Number: 505
Chemical Name: Proprietary
Chemical Family: Glycol Family
Chemical Formula: Proprietary

Section 2 – Composition

	<u>CAS Number</u>	<u>OSHA (PEL)</u>	<u>ACGIH (TLV)</u>
Propanediol Cyclic Carbonate (> 80%)	108-32-7	Not Established	Not Established

Threshold Limit Value: Not Established.

The precise composition of this product is proprietary information. A more detailed disclosure will be provided by UCI to qualified Medical or Industrial Hygiene personnel as privileged information upon request in case of need for specific treatment.

Section 3 - Hazards Identification

Effects of overexposure:

- Eyes: Can cause moderate irritation redness, tearing.
- Skin: Can cause slight irritation.
- Inhalation: Although no appropriate human or animal health effects data are known to exist, this material is not expected to be an inhalation hazard.
- Ingestion: No significant signs or symptoms of any health hazard are expected to occur as a result of ingestion.

Section 4 - First Aid Measures

Eyes: Flush eyes with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.
Skin: Thoroughly wash exposed areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Inhalation: If affected remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention.
Ingestion: If large quantity is swallowed, give lukewarm water if victim is completely alert. Do not induce vomiting. Obtain emergency medical attention.

Section 5-Fire Fighting Measures

Flash Point (method used):	>250° F (PMCC)
Flammable Limits (percentage by volume):	LEL: Not Estab. UEL: Not Estab.
Fire Extinguishing Media:	Alcohol foam, water fog, carbon dioxide, or dry chemical.
Special Fire Fighting Producers:	Wear self-contained breathing apparatus with a full-face piece operated in pressure-demand or other positive pressure mode when fighting fires.
Unusual Fire and Explosion Hazards:	Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because produce (even just residue) can ignite explosively.
Hazardous Products of Combustion:	May form toxic materials: Carbon dioxide and carbon monoxide, various hydrocarbons, etc.

Section 6- Accidental Release Measures

Steps to be taken in case material is released or spilled:

Small Spill:	Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to container.
Large Spill:	Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area or spill until clean up has been completed. Stop spill at source, dike area of spill to prevent spreading, and pump liquid to a salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

Section 7 - Handling and Storage

Precautions to be taken in handling and storage: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues vapor, liquid, and/or solid, all hazard precautions given in the data sheet must be observed.

Section 8- Exposure Controls, Personal Protection

Respiratory Protection:	If overexposure has been determined or documented, a NIOSH/ OSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/ OSHA respirators under specified conditions.
Ventilation:	Local Exhaust: Provide sufficient mechanical: (general and/ or local exhaust) ventilation to maintain exposure below level of overexposure (from known , suspected, or apparent adverse effects).
Special:	
Protective Gloves:	Wear resistant gloves such as neoprene.
Eye Protection:	Chemical splash goggles in compliance with OSHA regulations are advised: however, OSHA regulations also permit other type safety glasses.
Other Protective Equipment:	Normal work clothing covering arms and legs.

Section 9 - Physical and Chemical Properties

Appearance:	Clear Liquid
Odor:	Characteristic
Boiling Point:	>400°F @ 760 mm Hg
Specific Gravity:	>1.0 @ 68°F
Vapor Pressure:	< .05 mm Hg @ 68°F
% VOLATILE (by volume):	< 1%
Vapor Density (Air=1):	Unavailable
Solubility in Water:	Soluble
Evaporation Rate:	Slower vs. n-butyl acetate

Section 10 - Stability and Reactivity

Stability: Stable
Conditions to Avoid: None
Incompatibility: (Materials to avoid for purposes of transport, storage, and handling) Strong Oxidizing Agents
Hazardous Polymerization: Not expected to occur.
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide, various hydrocarbons, etc.

Section 11 - Toxicological Information

See Section 3

Section 12 - Ecological Information

No Data Available

Section 13 - Disposal Considerations

Small Spill: Dispose of material in accordance with EPA and Local Regulations
Large Spill: Destroy by Liquid Incineration.

Section 14 - Shipping Information

This product is not regulated or defined as a Hazardous Material by the DOT, IATA, or the IMO.
No special paperwork to ship this product worldwide.

Section 15 - Regulatory Information

California Proposition 65: None

Section 16 - Other Information

H.M.I.S. RATING ---- Health 1, Flammability 1, Reactivity 0, Personal Protection 0

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