Uncommon Conglomerates INC.

A cyberbond LLC Company

Material Safety Data Sheet

Frame Fast® 501

Section 1 - Chemical Product Identification

Product Name: Frame Fast® # 501 Cured Adhesive Remover Item Number: 501
Product Type: Semi-Paste Formula

Section 2 - Composition, Information on Ingredients

	CAS Number	OSHA (PEL)	ACGIH (TLV)	OTHER (STEL)	CONCENTRATION (WT./WT. %)
Acetone	67-64-1	1000 ppm	750 ppm/1780 mg/m^3	1000 ppm/2380 mg/m^3	15 - 40
Methanol	67-56-1	200 ppm	200 ppm/262 mg/m^3	250 ppm/328 mg/m^3	15 - 40
Ethyl 3-Ethoxypropionate	763-669-9	Not established	Not established	100 ppm	15 - 40
Toluene	108-88-3	100 ppm	50 ppm/188 mg/m^3	N/A	15 - 40

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

Section 3 - Hazard Identification

Routes of Entry: Absorption - Eye contact - Ingestion - Inhalation - Skin contact
Carcinogenic Status: **Not considered carcinogenic by NTP, IARC, and OSHA**
Target Organs: Eye - Skin - Lung - Liver - Kidney - Heart - Central Nervous System - Reproductive
Health Effects - Eyes: Liquid, mist or vapor will cause conjunctival irritation and possible corneal damage.
Health Effects - Skin: Material will cause irritation. Liquid may be absorbed through the skin in toxicologically significant amounts if area of contact is large and exposure prolonged. Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Repeated and/or prolonged contact may lead to - liver or kidney damage.
Health Effects - Ingestion: Aspiration during swallowing or vomiting may severely damage the lungs. Swallowing may have the following effects:
- Irritation of mouth, throat and digestive tract
A large dose may have the following effects:
- Kidney damage - liver damage - temporary or permanent blindness - central nervous system depression
Health Effects -Inhalation: Exposure to vapor may have the following effects:
- Eye irritation - irritation of nose, throat and respiratory tract
Exposure to vapor at high concentrations may have the following effects:
- Dizziness - headache - kidney damage - liver damage - lung damage - temporary or permanent blindness - central nervous system depression - cardiac sensitization leading to risk of fatal arrhythmia - adverse reproductive effects

Section 4 - First Aid Measures

Eyes: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
Skin: Immediately flood skin with large quantities of water, preferably under a shower. Contaminated clothing should be washed or dry-cleaned before re-use. Obtain medical attention if blistering occurs or redness persists.
Ingestion: Have victim drink 1-3 glasses of water to dilute stomach contents. **INDUCE VOMITING.** If there is difficulty in breathing give oxygen. Obtain medical attention immediately.
Inhalation: Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately.
Advise to Physicians: Ethanol blocks metabolism of methanol to toxic metabolites. Initial dose 1 ml/kg 50% solution, then 0.5 ml/kg 2 hourly until methanol not detectable in blood. Use gastric lavage if more than 20 ml taken in last 4 hours.

Section 5 - Fire Fighting Measures

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide. Be aware of the possibility of re-ignition. Keep containers and surrounding cool with water spray.

Special Hazards of Product: This product may give rise to hazardous fumes in a fire. Be aware of possibility of re-ignition. Containers may explode in heat of fire. Vapors can travel a considerable distance to a source of ignition and flash-back. Dangerous when exposed to heat or flame.

Protective Equipment for Fire Fighting: Wear full protective clothing and self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Spill Procedures: Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

Personal Precautions: Eliminate all sources of ignition. Vapors can accumulate in low areas. Consider need for evacuation.

Environmental Precautions: Prevent the material from entering drains or watercourses. Notify authorities if spill has entered water course or sewer or has contaminated soil or vegetation.

Section 7 - Handling and Storage

Handling: Use in well ventilated area. Use local exhaust ventilation. Avoid inhaling vapor. Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use.

Storage: Store away from sources of heat or ignition. Storage area should be: cool - dry - well ventilated - out of direct sunlight - away from incompatible materials. Minimize exposure to air. Do not distill to near dryness.

Section 8 - Exposure Controls/Personal Protection

Engineering Control Measures: Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depends on how the material is used and on the potential for exposure. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used.

Respiratory Protection: The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator. Organic vapor cartridge respirator recommended.

Hand Protection: Full-length gloves must be worn during all handling operations. - Neoprene gloves.

Eye Protection: Chemical goggles must be worn during all handling operations.

Body Protection: Discard contaminated protective equipment. If there is danger of splashing, wear: - overall or apron.

Protection During Application: During application, adequate ventilation must be provided. Mix in a well-ventilated area. If ventilation is poor, wear respiratory protection. During application, flames and unseated lights must be extinguished and adequate ventilation must be provided.

Section 9 - Physical and Chemical Properties

Flash Point: (PMCC)(C/F) 10° C / 50° F

Boiling Point:	142°F (61°C)	Melting Point:	Unknown
Specific Gravity (H_2O = 1):	0.8564 g/ml	Appearance:	Clear-Blue Liquid
Vapor Pressure (mm Hg):	27 mm Hg	Odor:	Chemical
Vapor Density (Air = 1):	2.95	Explosion Limits (%):	1.5% Lower, 12.0% Upper
Evaporation Rate (n-butyl acetate = 1):	0.5	Solubility in Water	75%
VOC (Volatile Organic Compound):	185 grams per gal/ltr.	pH:	Neutral

Section 10 - Stability and Reactivity

Stability: Stable under normal conditions

Conditions to Avoid: High temperatures - Static discharges - Exposure to direct sunlight

Hazardous Polymerization: Will not occur

Materials to Avoid: Strong oxidizing agents - Alkalis - Acids - Bases

Hazardous Decomposition Products: Oxides of carbon - Formaldehyde - Unidentifiable organic materials.

Section 11 - Toxicological Information

Acute Toxicity: Acetone: Oral LD50 (rat) 5800 mg/kg. LC50: 50100 mg/m3/8H Toluene: Oral LD50 (rat) 636 mg/kg. LC50: 49g/m3/4H Methanol: Oral LD50 (rat) 5628 mg/kg. LC50: 64000 ppm/8H
Ethyl 3-Ethoxypropionate: Oral LD50 (rat) 4300 mg/kg. LC50: N/A

Chronic Toxicity/Carcinogenicity: (Toluene) IARC assessment: this product is not classifiable as to its carcinogenicity to humans (Grp 3)
Reproductive/Developmental Toxicity: Adverse effects on the reproductive system of both sexes have been reported in laboratory animals following repeated exposure. Developmental effects have been observed in laboratory animals.

Section 12 - Ecological Information

Mobility: If released to soil it will evaporate at a moderate rate. The product is poorly absorbed onto soils or sediments. The product will leach into soil. The product will dissolve rapidly in water.
Persistence/Degradability: The product is expected to be readily biodegradable.
Bioaccumulation: Product is not expected to bioaccumulate.
Ecotoxicity: The product may be harmful to aquatic organisms.

Section 13 - Disposal

Product Disposal: Incineration is the recommended method of disposal. Do not incinerate closed containers. Dispose of in accordance with all applicable local and national regulations. Dispose of as a hazardous waste.
Container Disposal: Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near to the container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

Section 14 - Transport Information

	GROUND (DOT)	IATA	IMO
(For DOT only: Qty. over 1 Gallon Ship as below)			
Proper Shipping Name:	Paint Related Material	Paint Related Material	Paint Related Material
Hazard Class:	3	3	3.3
UN or ID Number:	UN-1263	UN-1263	UN-1263
Packing Group:	III	III	III
Label:	Flammable Liquid	Flammable Liquid	Flammable Liquid

NOTE: One (1) Gallon of this product can be shipped as a Consumer Commodity, ORM-D within the USA under DOT regulations. You can also ship One (1) Gallon by AIR as a Consumer Commodity, ORM-D-AIR……(BUT NOT MORE THAN 1 GAL.)

Section 15 - Regulatory Information

MASSACHUSETTS : All components have been checked for inclusion on the Massachusetts Substance List (MSL). Those components present at the de minimus concentration have been identified in the hazardous ingredients section of the MSDS
CALIFORNIA Proposition 65: This product contains the following chemicals that have been found by the State of California to cause cancer, birth defects, or other reproductive harm: TOLUENE
SARA Title III Sect.304: Acetone RQ 5000 lb - Methanol RQ 5000 lb - Toluene RQ 1000 lb. – Ethyl 3-Ethoxypropionate RQ None
SARA Title III Sect. 311/312: Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard, Flammable
SARA Title III Sect.313: This product contains a chemical which is listed in Section 313 at or above de minimis concentrations. The following listed chemicals are present: (Quantity present is found elsewhere on MSDS- see **Section 2)**
Canada WHMIS Information Class B2 Flammable Liquid, Class D1A Poisonous and Infectious Material – Materials Causing Immediate and Serious Toxic Effects, Class D2B Poisonous and Infectious Material – Materials Causing Other Toxic Effects.

Section 16 - Other Information

HMIS Ratings: Flammability 3, Health 2, Reactivity 0, Special Hazards None
NFPA Ratings: Flammability 3, Health 2, Reactivity 0, Special Hazards None

Abbreviations: N/A = Denotes no applicable Information found or available
CAS # = Chemical Abstracts Service Number OSHA = Occupational Safety and Health Administration
ACGIH = American Conference of Governmental Industrial Hygienists TLV = Threshold Limit Value
PEL = Permissible Exposure Limit STEL = Short Term Exposure Limit
NTP = National Toxicology Program IARC = International Agency for Research on Cancer
LD50: Lethal Dose 50% LC50: Lethal Concentration 50%

Section 17 - Preparation Information

The provided data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations.

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