



1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Turbo Fuse 70 Primer
Product Type: Anaerobic Adhesive Primer & Accelerator
Recommender Use: Industrial and Consumer Use of Adhesives

Company Name: Palm Labs Adhesives
Company Address: 3063 Enterprise Road, DeBary FL 32713
Company Contact: Toll Free: (855) PLA-GLUE || Phone: (321) 710-4850 || Email: Sales@PalmLabsAdhesives.com
Emergency Phone: Poison Control: (800) 222-1222 || Palm Labs Adhesives: (321) 710-4850 x3

2. HAZARDS IDENTIFICATION



Pictogram:

Signal Word: Danger

Hazard Classification: Flammable Liquid Category 2
 Eye Irritation Category 2A
 STOT – Single Exposure Category 3

Hazard Statements: **H225:** Highly flammable liquid and vapor.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Precautionary Statements: **P210:** Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+312: IF SWALLOWED: Call a POISON CENTER if you feel unwell.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P304+340+312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER if you feel unwell.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists, get medical attention.
P403+233: Store in a well-ventilated place. Keep container tightly closed.
P501: Dispose of contents/container in accordance with local regulations.

3. COMPOSITION / INGREDIENTS INFORMATION

Hazardous Components	CAS Number	Percentage*	Hazard Statements
Acetone	67-64-1	80-100	H225, H319, H336
Naphthenic acids, copper salts	1338-02-9	≤ 1	H226, H302, H410

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

General: If you feel unwell, seek medical attention.

Inhalation: Use adequate respiratory protections. If respiratory irritation, drowsiness, dizziness, or nausea occurs, or if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

Skin Contact: Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

Eye Contact: Flush thoroughly with water. If eye irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. If you feel unwell, seek medical attention.



5. FIRE FIGHTING MEASURES

- Extinguishing Media:** Water fog or fine spray, carbon dioxide, dry chemicals or foams.
- Unsuitable Media:** Water jet
- Special Hazards:** Vapors may travel across the ground and reach remote ignition sources causing a fire danger.
- Firefighting Instructions:** Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

- Emergency Procedures:** Evacuate area immediately. Ensure adequate ventilation. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors or fumes. Handle in accordance with good industrial hygiene and safety practices.
- Environment Precautions:** Avoid release to the environment. Prevent entry to sewers and public waters.
- Clean-up Methods:** Clean up spills immediately and dispose of waste safely. Absorb or cover with non-combustible material and transfer to suitable disposal containers.

7. HANDLING AND STORAGE

- Handling:** Avoid breathing vapors and contact with skin. Use only outdoors or in a well ventilated area. Use personal protective equipment as required. Wash hands and other exposed areas after use. Keep away from flames, sparks, and other potential ignition sources.
- Loading/Unloading:** Ambient Temperatures
- Transport:** Ambient Temperatures
- Storage:** Comply with applicable local, state, and federal regulations. Keep away from direct sunlight. Keep container tightly closed when not in use. Store in a cool, well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Components	OSHA PEL	ACGIH TLV	AIHA WEEL	Other
Acetone	1,000 ppm TWA (2,400 mg/m ³) TWA	250 ppm TWA 500 ppm STEL	-	-
Naphthenic acids, copper salts	-	1 mg/m ³ TWA	-	-

- Engineering Controls:** Ensure all local, state, and federal regulations are observed. Avoid unnecessary contact or exposure to material.
- Respiratory Protection:** Provide adequate ventilation in area of use. Do not use this product in an enclosed or poorly ventilated area. If ventilation alone cannot control exposure, respiratory protection should be used.
- Eye/Face Protection:** Wear protective goggles or face shield.
- Skin Protection:** Wear chemically resistant gloves/protective clothing.



Mandatory Actions:



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	
Color:	Green	
Odor:	Pungent, irritating	
Odor Threshold:	13-20 ppm in Air	(ARD-EHP-7)
pH:	Not determined	
Vapor Pressure:	184 mmHg (@ 20 °C)	(68 °F)
Vapor Density:	2 (Air = 1)	
Freezing Point/Range:	Not determined	
Melting Point/Range:	-94 °C	(-137 °F)
Boiling Point/Range:	56 °C	(133 °F)
Flash Point:	-17 °C	(1.4 °F)
Explosive Lower Limits:	2%	
Explosive Upper Limits:	13%	
Autoignition Temperature:	465 °C	(869 °F)
Evaporation Rate:	1.9 (n-Butyl acetate = 1)	
Decomposition Temperature:	Not determined	
Specific Gravity:	0.791 g/cm ³	(6.601 lb/gal)
Solubility in Water:	Miscible	
Partition Coefficient:	-0.24 (n-Octanol/Water)	
Volatile Organic Compounds:	1.48% (EPA Method 24)	

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Reactivity:	No dangerous reactions known under normal conditions.
Hazardous Reactions:	No hazardous reactions known under normal conditions.
Hazardous Decomposition:	Material does not decompose at ambient temperatures.
Incompatible Materials:	Strong bases, acids, or oxidizers. Acetone reacts violently with phosphorous oxychloride.
Conditions to Avoid:	Direct sunlight, excess heat, sparks, flames, or other ignition sources.

11. TOXICOLOGICAL INFORMATION

Skin:	Causes skin irritation.
Eye:	Causes serious eye irritation.
Respiratory:	May cause dizziness or drowsiness.
Ingestion:	May cause gastrointestinal irritation, nausea, or vomiting.
Germ Cell Mutagenicity:	No components known to cause cell mutagenicity.
Carcinogenicity:	No components known to be carcinogenic.

Acetone (67-64-1)	Threshold	Notes (If Available)
LD50 Oral (Rat)	5,800 mg/kg	Tremors, headaches. May cause vomiting.
LC50 Vapor Inhalation @ 8 Hours (Rat)	50,100 mg/m ³	Drowsiness, dizziness.
LD50 Dermal (Rabbit)	20,000 mg/kg	
Naphthenic acids, copper salts (1338-02-9)	Threshold	Notes (If Available)
LD50 Oral (Rat)	2,000 mg/kg	

12. ECOLOGICAL INFORMATION

Toxicity: No data available.
Persistence / Degradability: Readily biodegradable. (91%, OECD Test Guideline 301B)
Bioaccumulative Potential: Does not bioaccumulate.
Mobility in Soil: No data available.
Other: N/A

Acetone (67-64-1)	Threshold	Notes (If Available)
LC50 @ 96 hour(s), Oncorhynchus mykiss (Rainbow Trout)	5,540 mg/l	
LC50 @ 48 hour(s), Daphnia magna (Water Flea)	8,800 mg/l	
Naphthenic acids, copper salts (1338-02-9)	Threshold	Notes (If Available)
LC50 @ 96 hour(s), Oncorhynchus mykiss (Rainbow Trout)	0.161 mg/l	



13. DISPOSAL CONSIDERATIONS

Product Disposal: Dispose of waste in accordance with local regulations. Do not discharge in to drains or the environment. Do not expose containers to excess heat, flame, sparks, or other sources of ignition.

14. TRANSPORT INFORMATION

Ground Transport (49 CFR)

ID Number: UN1090
Proper Shipping Name: ACETONE SOLUTION
Hazard Class: 3
Packing Group: II
Marine Pollutant: No
Exceptions: Limited quantities of flammable liquids and combustible liquids. [49 CFR 173.150(b)]
Inner packaging not over 1.0 L (0.3 Gallons) net capacity each.

Sea Transport (IMO / IMDG)

ID Number: UN1090
Proper Shipping Name: ACETONE SOLUTION
Hazard Class: 3
Packing Group: II
Marine Pollutant: No
Exceptions: Limited quantity 1.0 L (0.3 Gallons) net capacity each. [IMDG DGL]

Air Transport (ICAO / IATA)

UN Number: UN1090
Proper Shipping Name: ACETONE SOLUTION
Hazard Class: 3
Packing Group: II
Excepted Quantity: 30 mL Inner Packaging / 0.5 Liter Outer Packaging maximum. [IATA DGL]
Limited Quantity: 500 mL Inner Packaging / 1 Liter Combination Packaging maximum. [IATA Y341]

15. REGULATORY INFORMATION

Acetone (67-64-1)




SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 311/312: Fire Hazard, Acute Health Hazard, Chronic Health Hazard
SARA 313: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.
Listed On: Massachusetts Right To Know Components
Listed On: Pennsylvania Right To Know Components
Listed On: New Jersey Right To Know Components
Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Naphthenic acids, copper salts (1338-02-9)

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 311/312: Fire Hazard, Acute Health Hazard
SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313.
Listed On: Pennsylvania Right To Know Components
Listed On: New Jersey Right To Know Components
Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.



16. OTHER INFORMATION

NFPA Hazard Diamond	HMIS Color Bar	Mandatory Actions
		

Revision	Date	Changes
1	10/05/15	Original Document Created
2	01/12/17	Reviewed and updated information
3	11/15/18	Reviewed and updated information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

The above information describes exclusively the safety requirements of this product and any information present herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. The information is intended to give you advice about the safe handling of the product named in this Safety Data Sheet (SDS) for storage, processing, transport, and disposal. The information cannot be transferred to other products. In the case of mixing this product with any other substance or in the case of processing, the information on this safety data sheet is not necessarily valid for the resulting material. Nothing herein shall be considered as recommending practices or products in violation of any patent, law, or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranties regarding the products and disclaim all express or implied warranties, including any warranty of merchantability or fitness for a particular purpose.