



1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Turbo Set 40 (Formerly Called Turbo Set 1)
Product Type: Cyanoacrylate 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 3
 Aspiration Toxicant Category 1

Hazard Statements: **H226:** Flammable liquid and vapor.
H304: May be fatal if swallowed and enters airway.

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 in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call POISON CENTER.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
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.
P501: Dispose of contents/container in accordance with local regulations.

3. COMPOSITION / INGREDIENTS INFORMATION

Hazardous Components	CAS Number	Percentage*	Hazard Statements
Naptha (Petroleum), Hydrotreated Heavy	64742-48-9	80-100	H226, H304
N,N-Dimethyl-p-toluidine	99-97-8	≤ 1	H301, H311, H331, H373, H412

* 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: Overexposure may be irritating to the respiratory system. Use adequate respiratory protections. If respiratory irritation, dizziness, nausea occurs, or if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

Eye Contact: Flush thoroughly with water.

Ingestion: Swallowing large amounts may cause aspiration in to the lungs and chemical pneumonitis.



5. FIRE FIGHTING MEASURES

- Extinguishing Media:** Water fog or fine spray, carbon dioxide, dry chemicals or foams.
- Unsuitable Media:** Water jet
- Special Hazards:** Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a fire danger. Oxides of carbon, smoke, and fumes.
- 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. 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. This material is a static accumulator.
- 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
Naphtha (Petroleum), Hydrotreated Heavy	400 mg/m ³	--	--	--
N,N-Dimethyl-p-toluidine	--	--	0.5 ppm	--

- 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:	Colorless	
Odor:	Faint	
Odor Threshold:	Not determined	
pH:	Not determined	
Vapor Pressure:	0.75 mmHg (@ 20 °C)	(68 °F)
Vapor Density:	5 (Air = 1)	
Freezing Point/Range:	Not determined	
Melting Point/Range:	N/A	
Boiling Point/Range:	166 - 176 °C	(331 - 349 °F)
Flash Point:	45 °C	(113 °F)
Explosive Lower Limits:	0.7%	
Explosive Upper Limits:	6%	
Autoignition Temperature:	345 °C	(653 °F)
Evaporation Rate:	0.1 (n-Butyl acetate = 1)	
Decomposition Temperature:	Not determined	
Specific Gravity:	0.75 g/cm ³	(6.26 lb/gal)
Solubility in Water:	Negligible	
Partition Coefficient:	> 4 (Estimated)	
Volatile Organic Compounds:	6.259 lbs/gal (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.
Conditions to Avoid:	Direct sunlight, excess heat, sparks, flames, or other ignition sources.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	See below.
Skin:	Mildly irritating to skin with prolonged exposure.
Eye:	Direct contact may cause moderate to serious eye irritation.
Respiratory:	Not expected to be a respiratory sensitizer. May be fatal if swallowed and enters airways.
Germ Cell Mutagenicity:	N,N-Dimethyl-p-toluidine
Carcinogenicity:	N,N-Dimethyl-p-toluidine (IARC Category 2B)

Naphtha (Petroleum), Hydrotreated Heavy (64742-48-9)	Threshold	Notes (If Available)
LD50 Oral (Rat)	> 5,000 mg/kg	Minimally Toxic
LC50 Vapor Inhalation @ 8 Hours (Rat)	> 5,000 mg/m ³	Minimally Toxic
LD50 Skin (Rabbit)	> 5,000 mg/kg	Mild irritation with prolonged exposure
N,N-Dimethyl-p-toluidine (99-97-8)	Threshold	Notes (If Available)
LD50 Oral (Rat)	980 mg/kg	
LC50 Vapor Inhalation @ 4 Hours (Rat)	1,400 mg/m ³	
LD50 Skin (Rabbit)	> 2,000 mg/kg	



12. ECOLOGICAL INFORMATION

Toxicity: May cause long term effects in the aquatic environment.

Persistence / Degradability: Readily biodegradable in water. (31.3% Degraded / 28 Days)

Bioaccumulative Potential: Expected to be inherently biodegradable. Low potential for bioaccumulation.

Mobility in Soil: Not expected to partition to sediment and wastewater solids.

Other: Expected to degrade rapidly in air.

Naphtha (Petroleum), Hydrotreated Heavy (64742-48-9)	Test Results	Notes (If Available)
Daphnia magna @ 48 hour(s)	EL0 1,000 mg/l	
Daphnia magna @ 21 days	NOELR < 1 mg/l	
Pseudokirchneriella subcapitata @ 72 hour(s)	EL0 1,000 mg/l	
Pseudokirchneriella subcapitata @ 72 hour(s)	NOELR 1,000 mg/l	
Oncorhynchus mykiss @ 96 hour(s)	LL0 1,000 mg/l	
N,N-Dimethyl-p-toluidine (99-97-8)	Test Results	Notes (If Available)
No data available		

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: UN1268
Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S. (C10-C11)
Hazard Class: 3
Packing Group: III
Marine Pollutant: Yes
Exceptions: Limited quantities of flammable liquids and combustible liquids. [49 CFR 173.150(b)]

Sea Transport (IMO / IMDG)

ID Number: UN1268
Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S. (C10-C11)
Hazard Class: 3
Packing Group: III
Marine Pollutant: Yes

Air Transport (ICAO / IATA)

UN Number: UN1268
Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S. (C10-C11)
Hazard Class: 3
Packing Group: III
Excepted Quantity: 30 mL Inner Packaging / 1 Liter Outer Packaging maximum. [IATA DGL]



15. REGULATORY INFORMATION

Naphtha (Petroleum), Hydrotreated Heavy (64742-48-9)

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312: Aspiration Hazard, Flammable Liquids

SARA 313: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

Listed or Exempt: AICS, DSL, ENCS, IECSC, KECI, PICCS, TCSI, TSCA

N,N-Dimethyl-p-toluidine (99-97-8)

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.




SARA 311/312: Acute Health Hazard, Flammable Liquids

SARA 313: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

Listed or Exempt: AICS, DSL, ENCS, IECSC, KECI, PICCS, TCSI, TSCA

California Proposition 65: WARNING: This product can expose you to N,N-Dimethyl-p-toluidine, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

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.