MATERIAL SAFETY DATA SHEET

IDENTITY (*As used on label and list)*	Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.
TURBO LOCK SERIES 13 – RED (up to 1 ½" Bolt) **HIGH TEMPERATURE / PERMANENT** **ANEROBIC THREAD LOCKER**	

SECTION I

Manufacturer's Name **Palm Labs., Inc**	Emergency Telephone Number 1-800 964-6660
Address **10 Office Way**	Telephone Number For Information. 843 686-2345
Hilton Head, SC, 29928	Date Prepared 06/01/09
	Signature of Preparer (optional)

SECTION II - Ingredients/Identity Information

COMPOSITION ON INGREDIENTS		CAS NO.	%	EC NO
Polyethlyene Glycol Dimethacrylate	Xi: R36/43	923-26-2	45 – 65	213-090-3
Trimethylolpropane Triacrylate	Xi: R36/38 R43	15625-89-5	10 – 25	239-701-3
Cumene Hydroperoxide	O: R7 T: R23 Xn: R21/22, 48/20/22 C: R34 N: 51,53	80-15-9	0.5 – 3	201-254-7
1-Acetyl-2Phenylhydrazine	Xn: R20/21/22 R40 Xi:R36,37/38 R43	114-83-0	0.01 – 0.95	204-055-3

Risk Phrases:

R7: May cause fire. R20/21/22: Harmful by inhalation, in contact with skin, and if swallowed. R23/24/25: Toxic by inhalation, in contact with skin, and if swallowed. R34: Causes burns. R36/37/38: Irratating to eyes, respiratory system and skin.

R40: Limited evidence of a carcinogenic effect. R43: May cause sensitization by skin contact. R48/20/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation & if swallowed. R50:Very toxic to aquatic organisms. R51/53: Toxic to aquatic organisms.

SECTION III - Physical/Chemical Characteristics

Form: Liquid	Flash Point: $>100^{o}$ C	Solubility in Water: Low Solubility
Odor: Slightly sweet, characteristic	Flammability: Non-Flammable	Solubility in Solvents: Miscible in organic solvents eg Acetone
Color: Red	Explosive Properties: Na	Vapor Density: Not established
pH Value: ~3-5	Oxidizing Properties: None	Partioning Coefficient low Pow Not established, but likely <3
Melting Point: Na	Vapor Pressure: ~0.1 mmHg (20°C)	Evaporation Rate: Not established
Boiling Point: Na	Relative Density: ~1.08	

SECTION IV - Fire And Explosion Hazard Data

Extinguishing Media

Alcohol Resistant Foam, Dry Powder, Carbon Dioxide. DO NOT USE Direct water Jets

Hazardous Decomposition:

Possible risk of explosion. Toxic fumes are produced in fire. CO, Co2, oxizes of nitrate possibly evolved.

Special Procedures

Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus.

Health Hazard Codes

Health: 1 Fire: 1 Reactivity: 1 PPE: H

SECTION V - Health Hazard Data

Routes of Entry	Inhalation?	Skin?	Eyes?	Ingestion?
	Yes	Yes	Yes	Yes

First Aid Measures:

Inhalation: Remove to fresh Air. If symptoms develop and persist, get medical attention.

Skin Contact: Remove contaminated clothing and shoes. Rinse immediately with plenty of water, then wash with soap. Get medical attention if symptoms occur.

Eye Contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Ingestion: Do not induce vomiting. Give plenty of water to drink. Beware of aspiration if vomiting occurs – seek medical attention immediately.

General: Wear suitable gloves and face/eye protection. Prolonged or repeated over-exposure may lead to sensitizing effects and/or dermatitis in sensitive individuals.

Section VI – Accidental Release Measures

Exposure Controls

Ventilate area. Do not allow spill to enter drains and watercourses.

Personal Protection

Wear suitable respitory protection for large spills and confined spaces. Wear polythene gloves, chemically resistant overalls and boots, eye protection.

Cleanup:

Absorb in inert material such as sand or absorbent granules. Scoop up in plastic container to await transfer.

SECTION VII - Safe Handling and Use

Handling:

Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Ensure adequate ventilation.

Storage:

For safe storage, store at or below 100^{o}F . Keep in cool, dry, well-ventilated area out of direct sunlight. Store in tightly closed containers. Do not allow to contact or store in aluminum, mild steel, rusty steel, copper or (alloys of), or tin vessels.

Occupational Exposure Limit:

Not Applicable.

Wear polythene, neoprene or nitrile gloves. Do not use PVC or latex.

Wear eye goggles. Ensure eye-wash stations are close at hand.

After skin contact, wash immediately with plenty of water.

If handling large quantities, wear suitable protective clothing.

Use in well ventilated areas. Use local exhaust ventilation if exposed for long periods.

If excessive inhalation in a poorly ventilated area is likely, use a respirator with filter type A.

SECTION VIII – Stability & Reactivity

Stability

Stable at normal temperatures.

Conditions to Avoid

Elevated temperatures, direct sunlight, sources of ignition, low oxygen environments. Hazardous exothermic polymerization can occur if exposed to elevated temperatures for periods of time. Air space/oxygen above the product is vital to keep formulatory inhibitors active.

Materials to Avoid:

Oxidizing agents. Free-radical initiators, reducing metal oxides. Do not allow to contact or store in aluminum, mild steel, rusty steel, copper or (alloys of), or tin vessels

Hazardous Decomposition Products:

Combustion/exothermic polymerization will generate oxides of carbon, acrid smoke and irritating fumes.

SECTION IX – Toxicological & Ecological Information

Acute Toxcity:	Oral:	Expected to be very low.
	Inhalation:	Expected to be low.
	Skin:	Expected to be low.
	Respiratory Tract:	Mild irritation of nose and throat.
Ecological:	Ecotoxicity:	Considered to be low.
	Bioaccumulative Potential:	Expected to be low.
	Persistance:	Considered to be biodegradable.
	Mobility:	Considered to be relatively low due to low water solubility.

SECTION IX – Disposal Considerations

Do not discharge into drains or waterways.
Product residues can be cleaned out of containers.
Alternatively, product can be polymerized using an Activator, although with care in polymerizing large quantities due to exothermic reaction.
Hardened product can be disposed of as chemical waste by incineration or licensed contractors.
Clean containers can be disposed of by landfill or incineration, or possibly recycled.

SECTION X – Transport Information

Land Transport (USDOT):	
Proper shipping name:	Unrestricted
Hazard class or division	None
Identification Number	None
Packing Group	None
Sea Transportation (IMDG):	
Proper shipping name	Unrestricted
Hazard class or division	None
Identification Number	None
Packing Group	None
Air Transportation (IATA/ICAO):	
Proper shipping name	Unrestricted
Hazard class or division	None
Identification Number	None
Packing Group	None

PALM LABS INC.