

MATERIAL SAFETY DATA SHEET

IDENTITY <i>(As used on label and list)</i> TURBO BOND STRUCTURAL ADHESIVE ** PRIMER **	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.
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SECTION I

Manufacturer's Name Palm Labs., Inc	Emergency Telephone Number 1-800 964-6660
Address 10 Office Way Hilton Head, SC, 29928	Telephone Number For Information. 843 686-2345
	Date Prepared 12/16/08
	Signature of Preparer (optional)

SECTION II - Ingredients/Identity Information

COMPOSITION ON INGREDIENTS	CAS NO.	%	ACGIH TLV	OSHA PEL
n-Heptane	142-82-5	30-60	400 ppm TWA 500 ppm STEL	2000 mg/m3 TWA 500 ppm TWA
Aldehyde-amine-condensate	68411-19-8	10-30	None	None
Isopropyl alcohol	67-63-0	10-30	200 ppm TWA 400 ppm TWA	400 ppm TWA 980 mg/m3 TWA
3-ethyl 2-propylquinoline	3290-24-2	1 - 5	None	None

SECTION III - Physical/Chemical Characteristics

Form: Liquid	Vapor Pressure: 35 mmHg @ 20° C (68° F)	Evaporation Rate: 2.7
Color: Amber	Vapor Density: 3.45	Solubility in Water: Insoluble
Odor: Odorless	Boiling Point: At least 175° F	VOC Content: 99.9%
pH: Na	Specific Gravity: .68	

SECTION IV - Fire And Explosion Hazard Data

Flash Point -4° C (28° F) Tagliabue Closed Cup
Flammable/Explosive Limits Not available
Extinguishing Media Foam, Carbon Dioxide, Dry Chemicals. Use water to cool containers when exposed to extreme heat.
Hazardous Decomposition: Oxides of Carbon or Nitrogen
Unusual Fire/Explosion Hazards: Vapors may accumulate in low areas and travel distances to sources of ignition.
Health Hazard Codes Health: 2 Fire: 3 Physical Hazard: 0

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. Flush immediately with plenty of soap and water. Get medical attention if symptoms occur. Eye Contact: Immediately flush with copious amounts of water for at least 15 minutes. Get medical attention. Ingestion: Induce vomiting. Seek medical attention immediately.			
Notes to Physician:	Aspiration may cause pneumonia or pulmonary edema			

Section VI – Accidental Release Measures

Environmental Precautions

Do not allow product to enter drains or waterways. Remove sources of ignition.

Clean-Up Methods

Soak up product using inert absorbent such as sand or absorbent granules. Ensure adequate ventilation.

SECTION VII - Safe Handling and Use

Handling:

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

Storage:

For safe storage, store at or below 120°F. Store in tightly closed containers. Keep in cool, dry, well-ventilated area out of direct sunlight.

Occupational Exposure Limits:

Local Exhaust is should be used when other ventilation is not enough to control below occupational exposure limits.

Use NIOSH approved respirator when needed.

Wear chemical resistant clothing and gloves.

Wear eye goggles.

SECTION VIII – Stability & Reactivity

Stability

Stable.

Conditions to Avoid

Sparks, flames and sources of heat.

Materials to Avoid:

Oxidizing agents and acids.

Hazardous Polymerization:

Will not occur.

SECTION IX – Toxicological Information

Carcinogenicity:	OSHA	NTP	IARC
n-Heptane	No	No	No
Aldehyde-amine-condensate	No	No	No
Isopropyl alcohol	No	No	No
3-ethyl 2-propylquinoline	No	No	No

Hazardous Components:

n-Heptane	Irritant to Central Nervous System.
Aldehyde-amine-condensate	No data
Isopropyl alcohol	Allergen, Blood, Central Nervous System, Irritant, Kidney, Liver, Brain, Spleen
3-ethyl 2-propylquinoline	No data

SECTION IX – Disposal Considerations

Do not discharge into drains or waterways.

Follow all Federal, State and Local regulations.

SECTION X – Transport Information

Land Transport (USDOT): Proper shipping name: Hazard class or division Identification Number Packing Group Exceptions	Flammable Liquid n.o.s. (Heptanes, Isopropanol) 3 UN 1993 II < 1 Liter Consumer Commodity
Sea Transportation (IMDG): Proper shipping name Hazard class or division Identification Number Packing Group	Flammable Liquid n.o.s. (Heptanes, Isopropanol) 3 UN 1993 II
Air Transportation (IATA/ICAO): Proper shipping name Hazard class or division Identification Number Packing Group Exceptions	Flammable Liquid n.o.s. (Heptanes, Isopropanol) 3 UN 1993 II < 500 ML Consumer Commodity ID8000
