

1. Product and Company Identification

Product Identifier: Turbo Seal 65
Product Type: Anaerobic Adhesives & Sealants
Recommended 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
Company Website: www.PalmLabsAdhesives.com
Emergency Phone: (386) 490-9983

2. Hazards Identification



Pictogram:

Signal Word: Warning

Hazard Classification: Skin Irritation – Category 2
 Eye Irritation – Category 2A
 Specific Target Organ Toxicity, Single Exposure – Category 3

Hazard Statements: H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H335: May cause respiratory irritation

Precautionary Statements: P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 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, seek medical advice/attention.
 P362: Take off contaminated clothing.
 P403+233: Storage in a well ventilated place. Keep container tightly closed.
 P501: Dispose of contents/container to local, regional, national, and international regulations.

Other: No additional information available.

3. Composition / Ingredients Information

Hazardous Components	CAS Number	Percentage*
Polyglycol dimethacrylate	25852-47-5	10 – 50
3,6,9-trioxaundecamethylene bis (2-ethylhexanoate)	18268-70-7	10 – 50
Cumene hydroperoxide	80-15-9	1 – 5
Methanol	67-56-1	< 1

* 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: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory problems persist, seek medical attention.

Skin Contact: Remove contaminated clothing. Wash affected area with water for at least 15 minutes. If skin irritation or rash occurs, seek medical attention.

Eye Contact: Immediately flush with warm water for at least 15 minutes, and seek medical attention. Remove contact lenses if present and easy to do. Continue rinsing. If irritation or symptoms persist, seek medical attention.

Ingestion: Rinse mouth immediately and drink large quantities of water. Do not induce vomiting. If you feel unwell, seek immediate medical attention.

5. Fire Fighting Measures

- Extinguishing Media:** Alcohol-resistant foams, dry powder, carbon dioxide, water spray or fog.
- Unsuitable Media:** Water jet.
- Firefighting Instructions:** Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and suitable protective clothing. Do not allow run off from firefighting to enter drains or water courses.

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:** Absorb excess liquid spillage with inorganic absorbent material such as fine sand, brick dust, etc.. Place spent absorbent in sealed package and contact waste disposal contractor. Dispose of contents/container to local, regional, nation, and international regulations.

7. Handling and Storage

- Handling:** Avoid eye and skin contact. Do not breathe vapors and mist. Use only outdoors or in a well ventilated area. Use personal protective equipment as required. Do not eat, drink, or smoke in areas where product is used. Handle in accordance with good industrial hygiene and safety practices. Wash hands and other exposed areas with soap and water before eating, drinking, smoking, and when leaving work area.
- 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, dry place. Do not allow contact with aluminum, steel, copper, tin, or alloys of these materials.

8. Exposure Controls / Personal Protection

Hazardous Components	OSHA PEL	ACGIH TLV	AIHA WEEL	Other
Polyglycol dimethacrylate	N/A	N/A	N/A	N/A
3,6,9-trioxaundecamethylene bis (2-ethylhexanoate)	N/A	N/A	N/A	N/A
Cumene hydroperoxide	N/A	N/A	1 ppm (6mg/m ³) TWA (SKIN)	N/A
Methanol	200 ppm (TWA)	200 ppm (TWA)	N/A	N/A

- 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 protective clothing.

9. Physical and Chemical Properties

- Physical State:** Liquid
- Color:** Purple
- Odor:** Characteristic
- Odor Threshold:** Not determined
- Vapor Pressure:** < 5 mmHg (@ 23.8 °C) (75 °F)
- Vapor Density:** Not determined
- Melting Point/Range:** Not determined
- Boiling Point/Range:** > 143 °C (> 290 °F)
- Flash Point:** > 93 °C (> 199.4 °F)
- Autoignition Temperature:** Not determined
- Evaporation Rate:** Not determined
- Decomposition Temperature:** Not determined
- Specific Gravity:** 1.08 g/cm³ (9.01 lb/gal)
- Solubility in Water:** Slight
- Partition Coefficient:** Not determined
- Volatile Organic Compounds:** < 2% / < 20 g/l

10. Stability and Reactivity

Stability:	Stable under normal conditions.
Reactivity:	No dangerous reactions known under normal conditions.
Hazardous Reactions:	Will not occur.
Hazardous Decomposition:	Irritating fumes. Carbon monoxide, carbon dioxide.
Incompatible Materials:	Oxidizing agents, strong acids, strong bases. Polymerization initiators, copper, iron, zinc, aluminum, tin, or alloys of these materials.
Conditions to Avoid:	Direct sunlight. Sources of ignition. Low oxygen environments. Store away from incompatible materials.

11. Toxicological Information

Cumene hydroperoxide (80-15-9)	
LD50 Oral (Rat)	382 mg/kg
LD50 Dermal (Rat)	1200 – 1520
LD50 Dermal (Rabbit)	133 mg/kg
LD50 Inhalation (Rat)	1.37 mg/l (4 Hours)
LD50 Inhalation (Rat)	220 ppm (4 Hours)
Methanol (67-56-1)	
LD50 Oral (Rat)	> 5,000 mg/kg
LD50 Dermal (Rabbit)	15,800 mg/kg
LC50 Inhalation (Rat)	85 mg/l (4 Hours)
LC50 Inhalation (Rat)	64,000 ppm (4 Hours)
3,6,9-trioxaundecamethylene bis (2-ethylhexanoate) (18268-70-7)	
LD50 Oral (Rat)	18,000 mg/kg
LD50 Dermal (Rabbit)	> 20,000 mg/kg

12. Ecological Information

Toxicity:	Not determined.
Persistence / Degradability:	Not determined.
Bioaccumulative Potential:	Not determined.
Mobility in Soil:	Not determined.
Other Adverse Effects:	Not determined.

13. Disposal Considerations

Product Disposal:	Dispose of contents/container to local, regional, national, and international regulations.
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14. Transport Information

Ground Transport (49 CFR)

ID Number:	Not regulated
Proper Shipping Name:	Not regulated
Hazard Class:	Not regulated
Packing Group:	Not regulated

Sea Transport (IMO / IMDG)

ID Number:	Not regulated
Proper Shipping Name:	Not regulated
Hazard Class:	Not regulated
Packing Group:	Not regulated
Environmental Hazards:	No

Air Transport (ICAO / IATA)

UN Number:	Not regulated
Proper Shipping Name:	Not regulated
Hazard Class:	Not regulated
Packing Group:	Not regulated

15. Regulatory Information

Polyglycol dimethacrylate (25852-47-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

Cumene hydroperoxide (80-15-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.
Listed on SARA Section 313 (Specific Toxic Chemical Listings) **Reportable Quantity: 10 lbs**
Listed on Massachusetts – Right To Know List
Listed on New Jersey – Right To Know Hazardous Substance List
Listed on Pennsylvania – RTK (Right To Know) List

Methanol (67-56-1)



Listed on the United States TSCA (Toxic Substances Control Act) inventory.
Listed on SARA Section 313 (Specific Toxic Chemical Listings) **Reportable Quantity: 5,000 lbs**

3,6,9-trioxaundecamethylene bis (2-ethylhexanoate) (18268-70-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

No additional information available.

16. Other Information

NFPA Hazard Diamond	HMIS Color Bar
	

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.