

MATERIAL SAFETY DATA SHEET
 May be used to comply with OSHA's Hazard
 Communication Standard, 29 CFR 1910.1200.
 Standard must be consulted for requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form) Form: *Approved*
 OMB No. 1218-0072

IDENTITY (As used on label and list) TURBO SEAL – SERIES 85 – WHITE Stainless Steel Pipe Sealant	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 1800 964-6660
Address 10 Office Way Hilton Head, SC, 29928	Telephone Number For Information. 843 686-2345
	Date Prepared 08/10/10
	Signature of Preparer (optional)

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Polyglycol Dimethacrylate	25852-47-5			15 - 40
Polyester Resin	Trade Secret			15 - 40
Polymeric Plasticizer	18268-70-7			10 - 30
Poly (tetrafluoroethylene)	9002-84-0			3 - 7
Silica, Amorphous Treated	112945-52-5			1 - 5
Titanium Dioxide	13463-67-7			1 - 5
Cumene Hydroperoxide*	80-15-9			1 - 5
Saccharin	81-07-2			1 - 5
Unsaturated Polyester	Trade Secret			0.5 - 2.5
Methanol	67-56-1			0.1 - 1
Cumene	98-82-8			0.1 - 1
N, N-Dialkyltoluidines	613-48-9			0.1 - 1
Optical Brightner	Trade Secret			

* This component is listed as SARA Section 313 Toxic Chemicals.

SECTION III - Physical/Chemical Characteristics

Appearance and Odor White paste, Mild odor	Vapor Pressure(mm/Hg.) < 5mm @ 80° F
Boiling Point > 300°F @ 760mm	Vapor Density (AIR = 1) NA
Specific Gravity (H2O = 1) @ 75°F 1.12	Solubility in Water (by weight) Negligible
Melting Point NA	Evaporation Rate (Butyl Acetate = 1) NA
% Volatile (VOC) <2.9%, <29g/liter	

SECTION IV - Fire And Explosion Hazard Data

Flash Point (Method Used) > 200°F TCC	Flammable Limits	LEL NA	UEL NA
Extinguishing Media All standard firefighting media			
Special Fire Fighting Procedures Self-contained breathing apparatus.			
Unusual Fire and Explosion Hazards Irritating organic vapors			

SECTION V - Health Hazard Data

Threshold Limit Values:

Cumene: OSHA TWA 50ppm Cumene Hydroperoxide: AIHA TWA 1ppm Methyl Alcohol: OSHA, STEL 250ppm OSHA TWA 200ppm
Titanium Dioxide: OSHA TWA as total dust 15 mg/m³

Effects of Overexposure:

Skin: Prolonged skin contact may result in dermatitis in sensitive individuals.

Eyes: Will irritate eyes on contact.

Ingestion: Harmful if swallowed. Ingestion may result in blindness, liver and kidney damage.

Inhalation: May cause allergic respiratory reaction.

First Aid Measures:

Ingestion: Do not induce vomiting. Give 2 glasses of water. Obtain medical attention.

Inhalation: Remove to fresh air. If breathing is difficult, seek medical attention.

Skin: Wash with soap and water. Seek medical attention if symptoms persist.

Eyes: Flush at least 15 minutes with water. Get medical attention.

SECTION VI - Reactivity Data

Stability	Unstable		Conditions To Avoid: Temperatures in excess of 150°F
	Stable	X	(Under normal conditions)
Incompatible Materials to Avoid			Avoid contact with base materials.
Hazardous Decomposition Or Byproducts: During combustion: Carbonyl fluorides, formaldehyde, CO, CO ₂ , HF, oxides of nitrogen and sulfur, perfluoroisobutylene.			
Hazardous Polymerization	May Occur	X	Conditions To Avoid: Excessive heat, reducing agents, strong Oxidizing agents.
	Will Not Occur		

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

Waste Disposal Method

Cured material may be disposed in sanitary landfill. Incinerate in accordance with EPA and local regulations.

Respiratory Protection

None needed for normal use.

Ventilation

Local ventilation recommended for prolonged use. Local Exhaust: Recommended. Mechanical: Not Applicable.

Other Protection

Plastic or rubber gloves. Safety glasses or goggles. Barrier creams recommended.

Precautions to be Taken in Handling and Storing

Store below 110°F to preserve shelf life. Keep away from children. Do not eat or drink while using this product.

SECTION VIII – Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or exempt from listing on the TSCA Inventory

NFPA Hazard Classification: Health Hazard (2) Fire Hazard (1) Reactivity (1)

WHMIS Hazard Class: D2B

311/312 Hazard Categories: Reactivity, Immediate and Delayed Hazard

SECTION IX – Transport Information

U.S. Department of Transportation Ground (49 CFR):	
Proper shipping name	Unrestricted
Hazard class or division	None
Identification Number	None
Packing Group	None
International Air Transportation (ICAO/IATA):	
Same as above	Unrestricted
Water Transportation (IMO/IMDG):	
Same as above	Unrestricted