

Revised
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MATERIAL SAFETY DATA SHEET

21TL & 22TL ANAEROBIC ADHESIVE

HMIS	HEALTH	1	FLAMMABILITY	1	REACTIVITY	1
NFPA	HEALTH	1	FIRE HAZARD	1	REACTIVITY	1

1. Chemical Product

Product Name: 21TL & 22TL
Product Type: Anaerobic Adhesive

2. Composition and Information on Harmful Ingredients

Ingredients	CAS No.	OSHA TLV	ACGIH TLV	Other Limits	%Composition
Polyglycol Dimethacrylate	25852-47-5	N/A	N/A	N/A	45-50
Polyglycol Oleate	9004-96-0	N/A	N/A	N/A	30-40
Silica, Amorphous Treated	68909-20-6	18mppcf	10mg/m ³	6mg/m ³	4-6
Saccharin	81-07-02	N/A	N/A	N/A	4-6
Propylene Glycol	57-55-6	N/A	N/A	N/A	2-4
Cumene Hydroperoxide	80-15-9	N/A	N/A	1ppm (6mg/m ³)	1-3
Titanium Dioxide	13463-67-7	15mg/m ³	10mg/m ³	N/A	0.1-1.1
N,N-Dialkyltoluidines	613-48-9	N/A	N/A	N/A	0.1-1.1

3. Hazards Identification

Primary Routes of Entry: Not Available
Symptoms of Exposure: Vapor is irritating to eyes, skin, and nose. Prolonged and repeated contact may cause allergic reactions in sensitive individuals.
Medical Conditions Aggravated by Exposure: No applicable information found.

4. First Aid Measures

Ingestion: Do not try to induce vomiting. Stay calm. Seek medical attention.
Inhalation: Remove to fresh air, if symptoms persist, seek medical attention.
Skin Contact: Flush with water.
Eye Contact: Flush with water for at least 15 minutes. Seek medical attention.



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5. Fire Fighting Measures

Flash Point:	>200°F (TCC)
Extinguishing Media:	Foam, dry chemical, or CO2
Special Fire Fighting Procedures:	Wear self contained breathing apparatus
Unusual Fire / Explosion Hazards:	None
Hazardous Thermal Decomposition Products:	Irritating organic vapors

6. Accidental Release Measures

Soak up with an inert absorbent. Store in a partly filled, closed container. Dispose in accordance with pertinent national legislation.

7. Handling and Storage

Store at or below 100°F to maximize shelf life. Avoid skin and eye contact. Avoid inhalation of vapors.

8. Exposure Control and Personal Protection

Eye Protection:	Safety goggles or glasses.
Respiratory Protection:	Always use appropriate filter mask / respirator.
Skin Protection:	Polyethylene gloves are recommended.
Ventilation:	Good general or local exhaust ventilation is required to maintain vapor concentration below TLV.

9. Physical and Chemical Properties

Form:	Liquid
Color:	Purple
Odor:	Mild
Solubility in Water:	Slight
Boiling Point:	>300°F
Specific Gravity @ 70°F:	1.05
Vapor Pressure @ 80°F:	<5mm
Flash Point:	>200°F

10. Reactivity and Stability

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility:	None
Conditions to Avoid:	No applicable information found
Hazardous Decomposition Products:	None



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ANAEROBIC ADHESIVE



11.Toxicological Information

Estimated Oral LD50: >5000 mg/kg
Estimated Dermal LD50: >2000 mg/kg
Liquid is a skin and eye irritant. Vapors may irritate eyes, nose, and throat.

12.Ecological Information

No applicable information found

13.Disposal Considerations

Anaerobics must be disposed of in accordance with all national and local regulations.

14.Transportation Information

Not considered hazardous for the purposes of transportation.

NON-WARRANTY: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of it's chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

Engineering Excellence

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