

REVISED
October/2013



MATERIAL SAFETY DATA SHEETS

1. CHEMICAL PRODUCT

Adhesive Systems, Inc.
9411 Corsair Road
Frankfort, IL 60423
1-800-552-0299 Phone
1-815-464-5650 Fax

EMERGENCY PHONE 1-800-255-3924

Product Name: **42TL**

Technical Name: **Anaerobic Adhesive**

2. 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.

Hazard Classification

Physical Classification:

Symbol: None

Signal Word: None

Health Classification: 1

Irritant: Causes mild skin irritation



Symbol:

Signal Word: Warning

3. COMPOSITION AND INFORMATION ON HARMFUL INGREDIENTS

<u>Ingredients</u>	<u>CAS No.</u>	<u>OSHA TLV</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>%Composition</u>	
Methacrylated Polyol	109-16-0	N/E	N/E	N/E	N/E	50-65
Dialkyl Ester	Proprietary	N/E	N/E	N/E	N/E	20-35
Acrylic Copolymer	96-33-3	N/E	N/E	N/E	N/E	10-20
Modified Sodium Sulfimide	Trade Secret	N/E	N/A	N/E	N/E	1-3
Methoxyphenol	150-76-5	N/E		375 ppm	N/E	0.1-0.5
Cumene Hydroperoxide	80-15-9	N/E		50 ppm	N/E	0.1-0.5



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42TL

Anaerobic Adhesive

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.

5. FIRE FIGHTING MEASURES

Flash Point: >200°F (Setaflash)

Extinguishing Media: Water fog, foam, dry chemical, or CO₂

Special Fire Fighting Procedures: Wear self contained breathing apparatus

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: Butyl or nitrile gloves are recommended.

Ventilation: Good air circulation and ventilation is adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Color: Blue

Odor: Mild

Solubility in Water: Insoluble

Specific Gravity @ 75°F: 1.05

Vapor Pressure: N/A

V.O.C. Content: <0.10 lbs/gal

Flash Point: >200°F (Setaflash)

10. REACTIVITY AND STABILITY

Stability: Stable under normal conditions

Hazardous Polymerization: May occur

Incompatibility: Peroxides, oxidizers, metals, and strong bases

Conditions to Avoid: Storage over 100°F, exposure to sunlight

Hazardous Decomposition Products: Carbon and nitrogen oxides



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42TL

Anaerobic Adhesive

11. TOXICOLOGICAL INFORMATION

Methacrylated Polyol: 4920 mg/kg (LD50); N/A (LC50)
 Cumene Hydroperoxide: 500 mg/kg (LD50); 700 ppm (LC50)

12. ECOLOGICAL INFORMATION

Keep product from entering waterways.

13. DISPOSAL INFORMATION

Disposal method:

This material must be disposed in compliance with local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

DOT (Department of Transportation):

Shipping Name: None

Hazard Class: None

IATA: None

IMO: None

Labels: None

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

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

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