

REVISED
May/2014



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: **77TL**
Technical Name: **Anaerobic Adhesive**

2. HAZARDS IDENTIFICATION

Toxicity: Mild irritant.
Primary Routes of Entry: Eyes, skin
Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals.
Existing Conditions Aggravated by Exposure: Maleimide resin: Dermatitis

Health Classification: 2

Irritant: Irritating to respiratory, skin irritation, risk of serious damage to eyes

Symbol:   Xi-irritant

Signal Word: Warning

Risk phrases:

R37/38 Irritating to respiratory system and skin. R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

Safety phrases:

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water and soap.

S37/39 Wear suitable gloves and eye/face protection.

S51 Use only in well-ventilated areas.

Additional labeling:

For consumer use only: S2 Keep out of the reach of children

S46 If swallowed, seek medical advice immediately and show this container or label.

Contains:

Hydroxypropyl methacrylate,
Maleic acid

Other hazards

This product contains a solid compound, which in powder form is classified as very toxic by inhalation. The product is not labeled accordingly as such exposure can be excluded under normal and foreseeable conditions. In the case that the product is used divergently under formation of aerosols, measures have to be observed to exclude inhalational exposure.



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3. COMPOSITION AND INFORMATION ON HARMFUL INGREDIENTS

Ingredients	CAS No.	%
N,N-dimethyl-o-toluidine	609-72-3	1-5
Organic peroxide*	80-15-9	1-5
non hazardous ingredients		>60

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
N,N-dimethyl-o-toluidine	None	None	
Organic peroxide	None	None	1ppm(6mg/m ³) Skin(WEEL)

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: More than 200°F
Extinguishing Agents: Carbon dioxide, foam, dry chemical Special Firefighting Procedures: Not available
Hazardous Products formed by Fire or Thermal Decomp Irritating organic vapors
Unusual Fire or Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak:

Soak up with an inert absorbent. Store in closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage:
Handling:

Store in a cold dark location.
Avoid prolonged contact with eyes and skin.



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8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Eyes:
Skin:
butyl rubber gloves. Ventilation:
Respiratory

Safety glasses or goggles.
Neoprene, rubber, or
Does not apply
Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red Liquid
Odor: Mild
Boiling Point: More than 300°
pH: Does not apply
Solubility in Water: Slight
Specific Gravity: 1.1 at 25°C
Vapor Pressure: Less than 0,5 mmbar at 25°C
Vapor Density: Not available
Evaporation Rate: Not available

10. REACTIVITY AND STABILITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None
Conditions to Avoid: Not available
Hazardous Decomposition Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

Estimated oral LD50 more than 10000 mg/kg.
Estimated dermal LD50 more than 1500 mg/kg.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL INFORMATION

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

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number: None
Marine Pollutant: None
IATA
Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None



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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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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 its 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

For technical information
and support call **1-800-552-0299** or visit our website at

www.instantca.com

