

REVISED
JUNE/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

International +01+813-248-0585

Product Name: Poly Prep II Primer

Technical Name: Isopropanol

2. HAZARDS IDENTIFICATION

Physical State: Liquid

Color: Clear

Odor: mild

Keep away from heat, sparks, and open flame. Harmful if inhaled. Harmful if swallowed. Aspiration may cause lung damage.

Routes of exposure: Eyes, ingestion, inhalation, skin.

Target organs: Eyes, Skin, respiratory system, central nervous system.

Medical conditions aggravated by exposure: Skin, lung, liver, and kidney disorders.

Other: Avoid simultaneous exposure to isopropanol and haloalkanes

Coexposure greatly increases the liver and kidney toxic effects.

Cancer information: This product does not contain greater than 0.1% of known or potential carcinogens listed in NTP, IARC, or OSHA.

Hazard Classification

Physical Classification: Flammable Liquid Category 3



Symbol:

Signal Word: Danger

Health Classification:

Irritant: Causes mild skin or eye irritation Category 3



Symbol:

Signal Word: Warning

3. COMPOSITION AND INFORMATION ON HARMFUL INGREDIENTS

Ingredients	Cas No.	OSHA PEL	ACGIH TWA	ACGIH STEL	%Composition
Isopropanol	67-63-0	400ppm	200ppm	400ppm	>99

*Proprietary means the specific chemical identity and/or weight percent is being withheld as a trade secret.

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4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get immediate medical attention.

Skin contact: Flush skin with plenty of water while removing contaminated clothing and shoes. If irritation persists, get medical attention.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. **GET MEDICAL ATTENTION IMMEDIATELY.**

Ingestion: If swallowed, call a physician immediately. **DO NOT** induce vomiting unless directed to do so by a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

NOTE TO PHYSICIANS: The decision of whether to induce vomiting or not should be made by a physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Consider hemodialysis for patients with persistent hypotension or coma unresponsive to standard therapy. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Flammability Limits:	LEL: 2 % UEL: 12.7%
Autoignition temperature:	>350 degrees Celsius
Extinguishing Media:	Water fog, foam, dry chemical or CO2.
Special Fire Fighting Procedures:	Wear self contained breathing apparatus.
Fire / Explosion Hazards:	FLAMMABLE LIQUID. Vapors are heavier than air.
Hazardous Thermal Decomposition Products:	Carbon dioxide, carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

EXTREMELY FLAMMABLE LIQUID. Eliminate all sources of ignition. Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protection recommendations found in section 8. Shut off source of leak if safe to do so. Use non-sparking tools and equipment. Contain spill, place into drums for proper disposal. Soak up residue with non-flammable absorbent material. **DO NOT** use sawdust. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. Use foam to control vapor.

7. HANDLING AND STORAGE

Storage: **EXTREMELY FLAMMABLE LIQUID.** Store in a cool, well-ventilated area away from all sources of ignition and out of direct sunlight. Keep containers tightly closed. Bond and ground transfer containers and equipment.

Handling: Avoid contact with eyes, skin, and clothing. **DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH**



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8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Engineering controls: Engineering controls are imperative when using this product to avoid overexposure. Do not use in closed or confined spaces.

Respiratory protection: If exposure limits are exceeded, wear NIOSH respirator.

Eye/face protection: Wear chemical safety goggles while handling this product.

Skin protection: Prevent contact. Wear gloves made of nitrile, viton®, or polyvinyl alcohol.

Other protective equipment: Eye-wash station, safety shower, rubber apron, rubber boots.

General hygiene considerations: Wash with soap and water before meal times and at the end of each work Shift.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Color: Clear.

Odor: Mild hydrocarbon odor.

Boiling point: 180°F

Specific gravity: 0.79@20°C

Flash Point: 53 degrees F

Freezing point: 127° F % Volatile: 100

Melting point: 127° F

Evaporation rate: 1.4-2.9

Vapor pressure: 32 @20°C VOC (WT%): 100

Solubility in water: Complete VOC (Lbs/Gal):6.6

10. REACTIVITY AND STABILITY

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Acids, alkalies, oxidizers, and halogens.

Conditions to Avoid: Avoid contact with heat, sparks, electric arcs, and open flames.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Estimated Oral LD50: Rat-4700-5800mg/kg

Estimated Dermal LD50: Rabbit-12800-13000mg/kg

Inhalation LC50: Rat - 19000ppm/8H; 16970mg/L/4H

12. ECOLOGICAL INFORMATION

None.

13. DISPOSAL INFORMATION

Hazardous waste number: D001

Disposal method:
This material must be disposed in compliance with local, state, and federal regulations. When in consumer packaging this material must be disposed of as household waste. Check local and state regulations for disposal of this product as a household waste in your state or municipality.



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14. TRANSPORTATION INFORMATION

DOT:

Material Shipments of 1 liter or more in combination packagings or single packages with a gross weight over 30Kg

UN 1219 Isopropanol 3 II

Limited Quantity: No shipping document required. Material shipments in combination packagings only with inner packagings of 1 liter or less and the finished package does not exceed 30 Kg

ICAO/IATA

Material Shipments of 1 liter or more in combination packagings or single packages with a gross weight over 30Kg

UN 1219 Isopropanol 3 II

Limited Quantity/Consumer Commodity:

ID 8000 Consumer Commodity 9 (Class 9 label and Limited Quantity marking required). Inner packaging of 1 liter or less and the finished package does not exceed 30Kg

IMDG

Material Shipments of 1 liter or more in combination packagings or single packages with a gross weight over 30Kg

UN 1219 Isopropanol 3 II

Limited Quantity:

UN 1219 Isopropanol 3 II Ltd. Qty. FP in C. c. c. on the shipping paper. Combination Packages only with inner packages no more than 1 Liter and the finished package cannot exceed 30 Kg. Limited Quantity marking on the outer surface of the finished package. Flammable Liquid Labels not required on the package.

15. REGULATORY INFORMATION

State regulations:

California – The following components are listed under Prop 65:

Wisconsin – The following components are listed as a Wisconsin HAP:None.

16. OTHER INFORMATION

HMIS
NFPA

HEALTH 2
HEALTH 1

FLAMMABILITY 3
FIRE HAZARD 3

REACTIVITY 0
REACTIVITY 0

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

