

*Revised
August 18, 2005*



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MATERIAL SAFETY DATA SHEET

POLY PREP 2

PRIMER

HMIS	HEALTH	2	FLAMMABILITY	3	REACTIVITY	0
NFPA	HEALTH	1	FIRE HAZARD	3	REACTIVITY	0

1. Chemical Product

Product Name: Poly Prep 2
Product Type: Isopropanol

2. Composition and Information on Harmful Ingredients

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

3. Hazards Identification

Physical State: Liquid.
Color: Clear.
Odor: Mild odor.

*****EMERGENCY OVERVIEW***: WARNING! FLAMMABLE LIQUID AND VAPOR. Keep away from heat, sparks, and open flame. Harmful if inhaled. Causes eye and skin irritation. 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.

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.



MATERIAL SAFETY DATA SHEET

POLY PREP 2

PRIMER



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

Flash Point:	53°F
Flammability Limits:	LEL: 2% UEL: 12.7%
Autoignition temperature:	>350°C
Extinguishing Media:	Water spray, foam, dry chemical or CO ₂ .
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, toxic gases.

6. Accidental Release Measures

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 water spray to control vapor.

7. Handling and Storage

Storage: **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.**



MATERIAL SAFETY DATA SHEET
POLY PREP 2
PRIMER



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 when handling this product.
Skin protection:	Prevent contact. Wear gloves made of butyl rubber, neoprene, natural rubber, nitrile, or viton®.
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

Boiling point:	180-181°F	Specific gravity:	0.79@20°C
Freezing point:	-127°F	% Volatile:	100
Melting point:	-127°F	Evaporation rate:	1.4-2.9
Vapor pressure:	32-33@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, carbon monoxide, and toxic gases.

11. Toxicological Information

Oral LD50:	Rat – 4700-5800mg/kg
Dermal LD50:	Rabbit – 12800-13000mg/kg
Inhalation LC50:	Rat – 19000ppm/8H; 16970mg/L/4H

12. Ecological Information

Extensive data, call for information.

13. Disposal Considerations

Hazardous waste number:	D001
Disposal method:	Dispose of in a permitted hazardous waste management facility following all local, state, and federal regulations.



MATERIAL SAFETY DATA SHEET
POLY PREP 2
PRIMER



14. Transportation Information (Not meant to be all inclusive)

DOT (Department of Transportation):

Shipping name:	Isopropanol
Hazard class:	3
ID/UN number:	UN1219
Packing group:	II
Label required:	Flammable Liquid

15. Regulatory Information

State regulations:

California – The following components are listed under Prop 65:

None.

Wisconsin – The following components are listed as a Wisconsin HAP:

None.

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

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www.instantca.com