

REVISED
JUNE/2013



MATERIAL SAFETY DATA SHEETS

1. CHEMICAL PRODUCT

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Product Name: Poly Prep Primer

Technical Name: Heptane

2. HAZARDS IDENTIFICATION

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: Skin, respiratory system, central nervous system.

Medical conditions aggravated by exposure: Skin and respiratory system disorders.

Other: Exposure may increase heart sensitivity to certain drugs.

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 2

Highly Flammable liquid and vapor



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
n-Heptane	142-82-5	500ppm	400ppm	500ppm	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: Any material aspirated during vomiting may cause lung injury.

Therefore, emesis should not be induced mechanically or pharmacologically. If it is necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g., gastric lavage after endotracheal intubation).

5. FIRE FIGHTING MEASURES

Flammability Limits:	LEL: 1.1%	UEL: 6.7%
Autoignition temperature:	No data	
Extinguishing Media:	Water fog, foam, dry chemical or CO2.	
Special Fire Fighting Procedures:	Wear self contained breathing apparatus.	
Fire / Explosion Hazards:	EXTREMELY 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: $\geq 195^{\circ}\text{F}$

Specific gravity: 0.79@20°C

Flash Point: 15 degrees F

Freezing point: N.D. % Volatile: 100

Melting point: N.D.

Evaporation rate: >1

Vapor pressure: 44.6mmHg@20°C VOC (WT%): 100

Solubility in water: Negligible VOC (Lbs/Gal): 5.75-6.00

10. REACTIVITY AND STABILITY

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Strong oxidizing agents.

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: None

Estimated Dermal LD50: None

Estimated Inhalation LC50: Rat->2860ppm (n-Heptane)

12. ECOLOGICAL INFORMATION

None.

13. DISPOSAL INFORMATION

Hazardous waste number: D001

Disposal method:

This material must be disposed in compliance with local, state, and/or federal regulations. When in consumer packaging this material is 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

Shipments in combination and single packagings of greater than 1 liter

UN 1206 Heptanes 3 II

Shipments in combination packaging only of 1 liter or less, when the finished package is ≤ 66lbs.

Limited Quantity, no shipping papers required, outer package must contain the limited quantity marking only.

ICAO/IATA

Shipments in combination and single packagings of greater than 1 liter

UN 1206 Heptanes 3 II

Shipments in combination packaging only of 1 liter or less, when the finished package is ≤ 66lbs.

ID 8000 Consumer Commodity 9 (packages must the class 9 label and Limited Quantity Label)

IMDG

Shipments in combination and single packagings of greater than 1 liter

UN 1206 Heptanes 3 II (Flash Point C. c.c. must appear with proper shipping name)

Shipments in combination packaging only of 1 liter or less, when the finished package is ≤ 66lbs.

UN1206 Heptanes 3 II Ltd. Qty (Flash Point C. c.c. must appear with proper shipping name)

15. REGULATORY INFORMATION

This material is classified as an oil under Section 311 of the Clean Water Act and the Oil Pollution Act of 1990. Discharge or spills which produce produce a visible sheen on waters of the United States, their adjoining shorelines, or into Conduits leading to surface waters must be reported to the EPA's National Response Center at(800)424-8802.

State regulations:

California – The following components are listed under Prop 65:

Benzene (≤0.1%)

Toluene (≤0.1%)

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 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

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

www.instantca.com

