

PERMATEX, INC.

11/17/99

HARTFORD, CT 06106  
TELEPHONE: (877) 376-2839

MATERIAL SAFETY DATA SHEET

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Primer for Rearview Mirror Adhesive  
PRIMER 81844

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Primer for Rearview Mirror Adhesive		
Item No.:	PRIMER 81844	Part of Kit:	81844
Part No.:	11067-2		
Product Type:	Primer		

## 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
n-HEXANE*	110-54-3	95-100
Organo-copper compound	22221-10-9	0.1-1

\* 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-HEXANE	50 ppm TWA	50 ppm TWA 180mg/M3	None
Organo-copper compound	Cu 0.2mg/m3fume Cu 1 mg/m3 dust	Cu 0.1mg/m3 Cu 1 mg/m3 dust	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

## 3. HAZARDS IDENTIFICATION

Toxicity:	Eye, skin, inhalation, and gastrointestinal irritant. Moderately toxic by ingestion.
Primary Routes of Entry:	Inhalation, skin contact.
Signs and Symptoms of Exposure:	Coughing, chest pains, difficulty breathing, lung irritation, edema (which can be fatal),

gastrointestinal disturbances, nausea, headache, vomiting, narcosis, coma, and asphyxia.

Existing Conditions  
 Aggravated by Exposure: Central and peripheral nervous systems, vision defects, memory diminution.

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## 3. HAZARDS IDENTIFICATION

(continued)

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
n-HEXANE	DEV IRR LUN NER REP	NO	NO	NO
Organo-copper compound	NTO	NO	NO	NO

## Abbreviations

DEV Developmental	IRR Irritant
LUN Lung	NER Nervous System
NTO No Target Organs	REP Reproductive

## 4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Remove to fresh air, apply artificial respiration if necessary, obtain medical attention.

Skin Contact: Wash with mild soap and water.

Eye Contact: Flush eyes with water for at least 15 minutes. Obtain medical attention.

## 5. FIRE FIGHTING MEASURES

Flash Point: 70F Method: Tag Closed Cup  
 Recommended

Extinguishing Agents: Carbon dioxide, foam, dry chemical  
 Special Firefighting

Procedures: Not available

Hazardous Products formed  
 by Fire or Thermal Decomp Oxides of carbon.

Unusual Fire or  
 Explosion Hazards: Vapors may travel considerable to source of

ignition and flash back.

Explosive Limits:  
 (% by volume in air) Lower 1.2%  
 (% by volume in air) Upper 7.7%

#### 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case  
 of spill or leak: Maintain adequate ventilation. Extinguish all  
 sources of ignition. Absorb in an inert absorbent.  
 Store in a metal container until disposal.

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#### 7. HANDLING AND STORAGE

Safe Storage: Store away from sources of ignition. Keep  
 containers closed when not in use. Avoid exposure  
 to direct sunlight.  
 Handling: Avoid skin contact. Keep away from eyes.  
 Avoid inhalation of vapors.  
 Do not use near sources of ignition.

#### 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
 Skin: Rubber or plastic gloves.  
 Ventilation: Sufficient to maintain vapor concentration below  
 TLV. Ventilation should be explosion proof.  
 Respiratory: Not available

See Section 2 for Exposure Limits.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid  
 Odor: Aliphatic  
 Boiling Point: 156°F  
 pH: Does not apply  
 Solubility in Water: Slight  
 Specific Gravity: 0.7  
 Volatile Organic Compound  
 (EPA Method 24) Not available  
 Vapor Pressure: 132 mm Hg at 68°F  
 Vapor Density: 3.0  
 Evaporation Rate  
 (Ether = 1) 9.2

#### 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

See Section 3.

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## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.  
 EPA Hazardous Waste Number: D001 - Hazardous waste per 40CFR 261.21

## 14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Consumer Commodity (Not more than one liter);  
 Hexanes solution (More than one liter)

Hazard Class or  
 Division:

ORM-D (Not more than one liter);  
 Class 3, Packing Group II (More than one liter)

Identification Number: None (Not more than one liter);

UN 1208 (More than one liter)

Marine Pollutant:

None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 500 ml);  
 Hexanes solution (More than 500 ml)

Class or Division: Class 9 (Not more than 500 ml);

Class 3, Packing Group II (More than 500 ml)

UN or ID Number: ID 8000 (Not more than 500 ml);

UN 1208 (More than 500 ml)

## 15. REGULATORY INFORMATION

CA Proposition 65: No California Proposition 65 chemicals are known

to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard:	1
Fire Hazard:	3
Reactivity Hazard:	0
Specific Hazard:	Does not apply

Estimated HMIS(R) Code:

Health Hazard:	1
Flammability Hazard:	3
Reactivity Hazards:	0
Personal Protection:	See Section 8.

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16. OTHER INFORMATION

(continued)

NFPA is a registered	trademark of the National Fire Protection Assn.
HMIS is a registered	trademark of the National Paint and Coatings Assn.

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