

Permatex, Inc.  
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 Telephone: 1-87-Permatex  
 (877) 376-2839  
 Emergency: 800-255-3924  
 International Emergency: 813-348-0585

## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 81844 REARVIEW MIRROR ADHESIVE KIT PART 1  
**Item No:** PTX194319X  
**Product Type:** Adhesive

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
POLYURETHANE METHACRYLATE RESIN MIXTURE	40-50	Not Listed	Not Listed
HYDROXYALKYL METHACRYLATE 27813-02-1	10-20	Not Listed	Not Listed
ETHOXYLATED BISPHENOL A DIMETHACRYLATE 41637-38-1	10-20	Not Listed	Not Listed
ISOBORNYL METHACRYLATE 7534-94-3	10-20	Not Listed	Not Listed
ACRYLIC ACID 79-10-7	1-10	2 ppm TWA; 5.9 mg/m <sup>3</sup> TWA	10 ppm TWA; 30 mg/m <sup>3</sup> TWA
BISPHENOL A FUMARATE RESIN 39382-25-7	1-10	Not Listed	Not Listed
GLYCIDOXYPROPYLTRIMETHOX YSILANE 2530-83-8	1-10	Not Listed	Not Listed
_DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	1-10	Not Listed	Not Listed
SACCHARIN 81-07-2	0.1-1.0	10mg/m <sup>3</sup> nuisance dust	Not Listed
1-ACETYL-2-PHENYLHYDRAZINE 114-83-0	0.1-1.0	Not Listed	Not Listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause moderate skin irritation. Causes severe eye irritation.  
**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation.  
**Signs and Symptoms of Exposure:** Repeated skin contact may cause allergic skin reactions. May cause pain, redness or swelling of the eyes and excessive blinking and tear production.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
ACRYLIC ACID 79-10-7	1-10		A4 - Not Classifiable as a Human Carcinogen	
SACCHARIN 81-07-2	0.1-1.0	Delisted April 2000		Group 3: Vol 73, Page 517: 1999

**Medical Conditions Recognized as Being Aggravated by Exposure:** Acrylic acid: Upper respiratory and lung diseases, dermatitis.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, seek medical advice immediately and show this container or label  
**Inhalation:** Oxygen or artificial respiration if needed. Move to fresh air in case of accidental inhalation of vapors.  
**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.  
**Eye Contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

## **5. FIRE FIGHTING MEASURES**

<b>Flash Point (°F/C):</b>	More than 200 degrees F. Method: Tag Closed Cup
<b>Recommended Extinguishing Media:</b>	Carbon Dioxide, Dry Chemicals, Foam.
<b>Special Fire-Fighting Procedures:</b>	Firefighters should wear self-contained breathing apparatus.
<b>Hazardous Products Formed by Fire or Thermal Decomposition:</b>	Irritating vapors.
<b>Unusual Fire/Explosion Hazards:</b>	None
<b>Lower Explosive Limit:</b>	2.0% Acrylic acid
<b>Upper Explosive Limit:</b>	8.0% Acrylic acid

## **6. ACCIDENTAL RELEASE MEASURES**

<b>Spill Procedures:</b>	Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
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## **7. HANDLING AND STORAGE**

<b>Storage:</b>	Store below 100 degrees F.
<b>Handling:</b>	Do not inhale vapors. Avoid prolonged skin contact. Keep away from eyes.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Eyes:</b>	Safety glasses.
<b>Skin:</b>	rubber or plastic gloves
<b>Ventilation:</b>	Provide adequate ventilation
<b>Respiratory Protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Yellow liquid
<b>Odor:</b>	irritating
<b>Boiling Point (°F):</b>	More than 300 degrees F.
<b>pH:</b>	Does not apply
<b>Solubility in Water:</b>	Insoluble
<b>Specific Gravity:</b>	1.1 @ 80 degrees F.
<b>VOC Content(Wt.%):</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Vapor Density (Air=1):</b>	Not Determined
<b>Evaporation Rate:</b>	Not Determined

## **10. STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable at normal conditions
<b>Hazardous Polymerization:</b>	WILL NOT OCCUR
<b>Incompatibilities:</b>	Avoid contact with bases and strong oxidizers.
<b>Conditions to Avoid:</b>	Heat
<b>Hazardous Products Formed by Fire or Thermal Decomposition:</b>	Irritating vapors.

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.  
**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

## **14. TRANSPORTATION INFORMATION**

**DOT (49CFR 172)**

**Domestic Ground Transport**

**DOT Shipping Name:** Unrestricted  
**Hazard Class:** NONE  
**UN/ID Number:** None  
**Marine Pollutant:** None

**IATA**

**Proper Shipping Name:** not regulated  
**Class or Division:** None  
**UN/NA Number:** None

**IMDG**

**Proper Shipping:** Unrestricted  
**Hazard Class:** None  
**UN Number:** None

**15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

**SARA 313 Information**

ACRYLIC ACID, DIMETHYLBENZYL HYDROPEROXIDE

**CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present.

**TSCA Inventory Status:**

**Listed on Inventory:** **YES** All components of this product are listed (or exempt) on the EPA TSCA inventory.

**16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 1

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILILTY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

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

**Prepared By:** Denise Boyd, Health and Safety Manager  
**Company:** Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA  
06106

**Revision Date:** 08/29/2003

**Revision** 0

**Number:**

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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 81844 REARVIEW MIRROR ADHESIVE KIT PART 2  
**Item No:** PTX394319X  
**Product Type:** Activator

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
2-PROPANOL 67-63-0	95-100	400 ppm TWA; 983 mg/m <sup>3</sup> TWA	400 ppm TWA
MINERAL SPIRITS 8052-41-3	1-10	100 ppm TWA; 525 mg/m <sup>3</sup> TWA	500 ppm TWA; 2900 mg/m <sup>3</sup> TWA
ORGANO-COPPER COMPOUND 22221-10-9	<1	Cu 0.2 mg/m <sup>3</sup> fume; 1 mg/m <sup>3</sup> dust	Cu 1 mg/m <sup>3</sup> fume; 1 mg/m <sup>3</sup> dust
ORGANO-COPPER COMPOUND 68084-48-0	<1	1 ppm; as Cu dusts or mist	Not Listed
ORGANO-COPPER COMPOUND 85737-14-0	<1	1 ppm; as Cu dust or mist	Not Listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye, skin and respiratory irritation. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. Prolonged exposure may cause liver and kidney effects and may affect the central nervous system.

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation.

**Signs and Symptoms of Exposure:** Contact with eyes may cause tearing and redness. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. May cause skin irritation.

**Medical Conditions Recognized as Being Aggravated by Exposure:** May aggravate preexisting dermatitis. Since this product contain copper compounds, individuals with Wilson's Disease should avoid exposure to this product.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, seek medical advice immediately and show this container or label

**Inhalation:** Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed. Obtain medical attention.

**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Eye Contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

### 5. FIRE FIGHTING MEASURES

**Flash Point (°F/C):** 53 degrees F, Method: Tag Closed Cup

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.

**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus.

**Hazardous Products Formed by Fire or Thermal Decomposition:** Oxides of carbon. Irritating vapors.

**Unusual Fire/Explosion Hazards:** Vapors may travel from container toward sources of ignition and flashback.

**Lower Explosive Limit:** 2.0

**Upper Explosive Limit:** 12.0

### 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

## **7. HANDLING AND STORAGE**

**Storage:** Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F.  
**Handling:** Avoid contact with skin and eyes. Do not inhale vapors. Do not use near heat, sparks or open flame.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Safety glasses.  
**Skin:** rubber or plastic gloves  
**Ventilation:** Provide adequate ventilation  
**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear liquid  
**Odor:** ALCOHOLIC  
**Boiling Point (°F):** 180 degrees F.  
**pH:** Does not apply  
**Solubility in Water:** 95-100%  
**Specific Gravity:** 0.79 @ 77 degrees F.  
**VOC Content(Wt.%):** Approximately 97% by weight  
**Vapor Pressure:** 32 mm Hg @ 68 degrees F.  
**Vapor Density (Air=1):** 2.1 (air = 1)  
**Evaporation Rate:** 7.7

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** WILL NOT OCCUR  
**Incompatibilities:** Strong oxidizers.  
**Conditions to Avoid:** Heat  
**Hazardous Products Formed by Fire or Thermal Decomposition:** Oxides of carbon. Irritating vapors.

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.  
**US EPA Waste Number:** D001 as per 40CFR 261.21

## **14. TRANSPORTATION INFORMATION**

**DOT (49CFR 172)**

### **Domestic Ground Transport**

**DOT Shipping Name:** Consumer Commodity (not more than one liter)  
**Hazard Class:** ORM-D  
**UN/ID Number:** None  
**Marine Pollutant:** None

### **IATA**

**Proper Shipping Name:** Consumer Commodity  
**Class or Division:** Class 9  
**UN/NA Number:** ID 8000

### **IMDG**

**Proper Shipping:** Isopropanol solution, Limited Quantity  
**Hazard Class:** Class 3, PG II (11°C C.C)  
**UN Number:** UN 1219

## **15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

**SARA 313 Information**  
COPPER COMPOUND

**CALIFORNIA PROP 65:**  
No California Prop 65 chemicals are known to be present.

**TSCA Inventory Status:**  
**Listed on Inventory:** **YES** All components of this product are listed (or exempt) on the EPA TSCA inventory.

## **16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 1, FLAMMABILITY 2, REACTIVITY 1  
**Estimated HMIS Classification:** HEALTH 1, FLAMMABILITY 2, PHYSICAL HAZARD 0  
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