

Permatex, Inc.  
 10 Columbus Blvd.  
 Hartford, CT 06106 USA  
 Telephone: 1-87-Permatex  
 (877) 376-2839  
 Emergency: 800-255-3924  
 International Emergency: 813-248-0585

**SAFETY DATA SHEET**  
 according to EC Directive 2001/58/EC

**1. IDENTIFICATION OF THE PREPARATION**

Identification of the preparation: 81844 REARVIEW MIRROR ADHESIVE KIT PART 1  
 Item No: PTX194319X  
 Recommended use: Adhesive

**2. HAZARDS IDENTIFICATION**

Classification: C - Corrosive  
 Most Important Hazards: Causes burns. May cause irritation of respiratory tract. May cause allergic skin reaction.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	Weight%	EC Number	EU Classification	Exposure limits
POLYURETHANE METHACRYLATE RESIN MIXTURE	30-45	Not determined		Not listed
ETHOXYLATED BISPHENOL A DIMETHACRYLATE 41637-38-1	10-20	Not determined	Xi;R36/38 R43 N;R51-53	Not listed
HEXAMETHYLENE DIACRYLATE 13048-33-4	10-20	235-921-9	R43 Xi;R36/38	Not listed
HYDROXYALKYL METHACRYLATE 27813-02-1	10-20	248-666-3		Not listed
ACRYLIC ACID 79-10-7	1-10	201-177-9	R10 Xn; R20/21/22 C; R35 N; R50	8h: 2 ppm: 6 mg/m <sup>3</sup> 15 min: 15 ppm, 45 mg/m <sup>3</sup>
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	0.1-1.0	201-254-7	O; R7 T; R23 Xn; R21/22-48/20/22 C; R34 N; R51-53	Not listed
SACCHARIN 81-07-2	0.1-1.0	201-321-0		10 mg/m <sup>3</sup> (dust) ACGIH
1-ACETYL-2-PHENYLHYDRAZINE 114-83-0	0.1-1.0	204-055-3		Not listed
GLYCIDOXYPROPYLTRIMETHOXYSILANE 2530-83-8	0.1-1.0	219-784-2		Not listed

**4. FIRST-AID MEASURES**

General advice: If you feel unwell, seek medical advice (show the label where possible).

#### **4. FIRST-AID MEASURES**

<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed.
<b>Skin Contact:</b>	Wash off with soap and water. If skin irritation persists, call a physician.
<b>Eye Contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Ingestion:</b>	If swallowed, seek medical advice immediately and show this container or label.
<b>Protection of first-aiders:</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Notes to Physician:</b>	Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

#### **5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media:</b>	water spray, dry chemical, Carbon dioxide (CO2), foam
<b>Extinguishing media which must not be used for safety reasons:</b>	None reasonably foreseeable.
<b>Special instructions for protection and hygiene:</b>	No hazards to be specially mentioned.
<b>Special protective equipment for firefighters:</b>	Use personal protective equipment. Avoid contact with eyes.

#### **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	For additional information on processing see sections 7, 8 and 11 of this safety data sheet.
<b>Environmental Precautions:</b>	Do not flush into surface water or sanitary sewer system..
<b>Cleanup:</b>	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

#### **7. HANDLING AND STORAGE**

<b>Handling precautions:</b>	Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
<b>Storage:</b>	Store in cool place.

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

<b>Ventilation:</b>	Provide adequate ventilation .
<b>Respiratory Protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Skin:</b>	Rubber or plastic gloves.
<b>Eyes:</b>	Safety glasses.
<b>Hygiene Measures:</b>	When using, do not eat, drink or smoke.

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

<b>Appearance:</b>	Yellow liquid
<b>Odor:</b>	Irritating
<b>pH:</b>	Does not apply
<b>Boiling point/range:</b>	>150°C
<b>Melting point:</b>	Not determined
<b>Flash point:</b>	>95°C
<b>Risk of explosion:</b>	None reasonably foreseeable.
<b>Vapor pressure:</b>	Not determined
<b>Density:</b>	1.1

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

**Solubility in water:** Negligible  
**Partition coefficient (n-octanol/water):** Not determined  
**Vapor density:** Not determined  
**Evaporation Rate:** Not determined  
**VOC Content(%):** 22%

## **10. STABILITY/REACTIVITY**

**Stability:** Stable under normal conditions.  
**Conditions to Avoid:** Heat.  
**Materials to avoid:** Incompatible with strong bases and oxidizing agents  
**Hazardous decomposition products:** None reasonably foreseeable

## **11. TOXICOLOGICAL INFORMATION**

<b>Component</b>	<b>Weight%</b>	<b>LD50/oral/rat</b>	<b>LC50/inhalation/rat</b>
HEXAMETHYLENE DIACRYLATE 13048-33-4	10-20	5 g/kg	
HYDROXYALKYL METHACRYLATE 27813-02-1	10-20	11200 mg/kg	
ACRYLIC ACID 79-10-7	1-10	33.5 mg/kg	3.6 mg/L/4H; 1202 ppm/4H
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	0.1-1.0	382 mg/kg	200 ppm/4H
SACCHARIN 81-07-2	0.1-1.0	17 gm/kg (mus)	
1-ACETYL-2-PHENYLHYDRAZINE 114-83-0	0.1-1.0	oral mouse; 270 mg/kg	
GLYCIDOXYPROPYLTRIMETHOXY SILANE 2530-83-8	0.1-1.0	22600 uL/kg	

### **Local Effects**

**Skin Irritation:** Causes burns  
**Eye Irritation:** Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.  
**Inhalation:** May cause irritation of respiratory tract. May cause irritation of the mucous membranes  
**Ingestion:** Irritating to mouth, throat and stomach.  
**Sensitization:** May cause sensitization of susceptible persons by skin contact.  
**Chronic toxicity:** None reasonably foreseeable

### **Specific Effects**

**Carcinogenic effects:** None reasonably foreseeable.  
**Mutagenic effects:** None reasonably foreseeable.  
**Reproductive toxicity:** None reasonably foreseeable.  
**Target Organ Effects:** Eyes, Skin, Respiratory System, Gastrointestinal Tract

## **12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** May cause long-term adverse effects in the aquatic environment.

### **13. DISPOSAL CONSIDERATIONS**

**Waste from Residues:** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

### **14. TRANSPORT INFORMATION**

#### **IATA**

**Proper Shipping Name:** Not regulated  
**Hazard Class:** Not applicable  
**UN/ID No:** Not applicable

#### **IMDG**

**Proper shipping name:** Not applicable  
**Hazard Class:** Not applicable  
**UN/ID No:** Not applicable  
**Marine Pollutant:** None

#### **ADR/RID**

**Proper Shipping Name:** Not regulated  
**Hazard Class:** Not applicable  
**UN/ID No:** None

### **15. REGULATORY INFORMATION**

This product is classified in accordance with Annex VI to Directive 67/548/EEC

**Contains epoxy constituents. See information supplied by the manufacturer. Contains hexamethylene diacrylate: may cause sensitization by skin contact. Contains bisphenol: may cause sensitization by skin contact.**

#### **Indication of Danger:**

C - Corrosive, acrylic acid

#### **R -phrase(s):**

R34 - Causes burns

R36/38 - Irritating to eyes and skin

R43 - May cause sensitization by skin contact

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

#### **S -phrase(s):**

S 2 - Keep out of the reach of children

S23 - Do not breathe vapour

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S27/28 - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets

**Product Name:** 81844 REARVIEW MIRROR ADHESIVE  
KIT PART 1

**Item No:** PTX194319X

## **16. OTHER INFORMATION**

### **Risk Phrases mentioned in Section 2:**

R 7 - May cause fire.

R10 - Flammable.

R23 - Toxic by inhalation.

R34 - Causes burns.

R35 - Causes severe burns.

R43 - May cause sensitization by skin contact.

R50 - Very toxic to aquatic organisms.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R21/22 - Harmful in contact with skin and if swallowed.

R36/38 - Irritating to eyes and skin.

R48/20/22 - Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Prepared By:** Denise Boyd, Health and Safety  
Manager

**Revision Date:** August/07/2006

**Company:** Permatex. Inc. 10 Columbus  
Blvd. Hartford, CT USA 06106

**Revision Number:** 2

**Telephone:** 877-376-2839

Permatex, Inc.  
 10 Columbus Blvd.  
 Hartford, CT 06106 USA  
 Telephone: 1-87-Permatex  
 (877) 376-2839  
 Emergency: 800-255-3924  
 International Emergency: 813-248-0585

**SAFETY DATA SHEET**  
 according to EC Directive 2001/58/EC

**1. IDENTIFICATION OF THE PREPARATION**

Identification of the preparation: 81844 REARVIEW MIRROR ADHESIVE KIT PART 2  
 Item No: PTX394319X  
 Recommended use: Activator

**2. HAZARDS IDENTIFICATION**

Classification: F - Highly flammable, Xi - Irritant  
 Most Important Hazards: Highly flammable. Causes eye irritation. Vapours may cause drowsiness and dizziness.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	Weight%	EC Number	EU Classification	Exposure limits
2-PROPANOL 67-63-0	90-100	200-661-7	F;R11 R67 Xi;R36	8h: 200 ppm; 500 mg/m <sup>3</sup> 15 min: 250 ppm, 620 mg/m <sup>3</sup>
MINERAL SPIRITS 8052-41-3	<3	232-489-3	F;R11 Carc. Cat.2;R45 Nota P Xn;R65 Xi;R38 N;R51/53	100 ppm TWA ACGIH
ORGANO-COPPER COMPOUND 85737-14-0	<1	Not determined		Not listed
ORGANO-COPPER COMPOUND 68084-48-0	<1	268-439-2		Not listed
ORGANO-COPPER COMPOUND 22221-10-9	<1	244-846-0		Cu 0.2 mg/m <sup>3</sup> (fume): 1 mg/m <sup>3</sup> (dust) ACGIH

**4. FIRST-AID MEASURES**

**General advice:** If you feel unwell, seek medical advice (show the label where possible).  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.  
**Skin Contact:** Wash off with soap and water. 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.  
**Ingestion:** If swallowed, seek medical advice immediately and show this container or label.  
**Protection of first-aiders:** Use personal protective equipment. Avoid contact with skin, eyes and clothing.

## **5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** dry chemical, Carbon dioxide (CO<sub>2</sub>), foam

**Extinguishing media which must not be used for safety reasons:** None reasonably foreseeable.

**Special instructions for protection and hygiene:**

Flammable. Keep away from heat and sources of ignition.

**Special protective equipment for firefighters:**

Use personal protective equipment. Avoid contact with eyes.

## **6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** For additional information on processing see sections 7, 8 and 11 of this safety data sheet.

**Environmental Precautions:** Do not flush into surface water or sanitary sewer system..

**Cleanup:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## **7. HANDLING AND STORAGE**

**Handling precautions:** Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

**Storage:** Keep away from heat and sources of ignition..

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

**Ventilation:** Provide adequate ventilation .

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Skin:** Rubber or plastic gloves.

**Eyes:** Safety glasses.

**Hygiene Measures:** When using, do not eat, drink or smoke.

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

**Appearance:** translucent liquid

**Odor:** Alcoholic

**pH:** Does not apply

**Boiling point/range:** 82°C

**Melting point:** Not determined

**Flash point:** 7°C

**Risk of explosion:** Flammable. Keep away from heat and sources of ignition. Vapours are heavier than air and may spread along floors.

**Vapor pressure:** 33 mm Hg

**Density:** 0.79

**Solubility in water:** Soluble

**Partition coefficient (n-octanol/water):** Not determined

**Vapor density:** >1 (Air = 1)

**Evaporation Rate:** 7.7 (butyl acetate = 1)

**VOC Content(%):** 97%

## **10. STABILITY/REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Keep away from heat, sparks and open flame. - No smoking.

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition products:** Carbon oxides

## **11. TOXICOLOGICAL INFORMATION**

<b>Component</b>	<b>Weight%</b>	<b>LD50/oral/rat</b>	<b>LC50/inhalation/rat</b>
2-PROPANOL 67-63-0	90-100	4396 mg/kg	72.6 mg/L/4H

### **Local Effects**

**Skin Irritation:**

May cause skin irritation and/or dermatitis.

**Eye Irritation:**

Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

**Inhalation:**

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Ingestion:**

Irritating to mouth, throat and stomach.

**Sensitization:**

None reasonably foreseeable.

**Chronic toxicity:**

None reasonably foreseeable

### **Specific Effects**

**Carcinogenic effects:**

None reasonably foreseeable.

**Mutagenic effects:**

None reasonably foreseeable.

**Reproductive toxicity:**

None reasonably foreseeable.

**Target Organ Effects:**

Eyes, Skin, Respiratory System, Gastrointestinal Tract

## **12. ECOLOGICAL INFORMATION**

**Ecotoxicity:**

May cause long-term adverse effects in the aquatic environment.

## **13. DISPOSAL CONSIDERATIONS**

**Waste from Residues:**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## **14. TRANSPORT INFORMATION**

### **IATA**

**Proper Shipping Name:** Consumer Commodity (Not more than 1 liter)

**Hazard Class:** Class 9

**UN/ID No:** ID 8000

### **IMDG**

**Proper shipping name:** Isopropanol, solution, Limited Quantity

**Hazard Class:** Class 3, PG II

**UN/ID No:** UN 1219

**Marine Pollutant:** None

### **ADR/RID**

**Proper Shipping Name:** Isopropanol, solution

**Hazard Class:** Class 3, PG II

**UN/ID No:** UN 1219

**ADR/RID:** Limited Quantity; LQ4

## **15. REGULATORY INFORMATION**

This product is classified in accordance with Annex VI to Directive 67/548/EEC

Suspect cancer is not applicable - Refer to Section 2.



**Product Name:** 81844 REARVIEW MIRROR ADHESIVE  
KIT PART 2

**Item No:** PTX394319X

**Indication of Danger:**

F - Highly flammable, Xi - Irritant

**R -phrase(s):**

R11 - Highly flammable

R36 - Irritating to eyes

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R67 - Vapours may cause drowsiness and dizziness

**S -phrase(s):**

S 2 - Keep out of the reach of children

S16 - Keep away from sources of ignition - No smoking

S25 - Avoid contact with eyes

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets

**16. OTHER INFORMATION**

**Risk Phrases mentioned in Section 2:**

R11 - Highly flammable.

R36 - Irritating to eyes.

R38 - Irritating to skin.

R45 - May cause cancer.

R65 - Harmful: may cause lung damage if swallowed.

R67 - Vapours may cause drowsiness and dizziness

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Prepared By:** Denise Boyd, Health and Safety  
Manager

**Company:** Permatex. Inc. 10 Columbus  
Blvd. Hartford, CT USA 06106

**Telephone:** 877-376-2839

**Revision Date:** August/07/2006

**Revision Number:** 5