

Permatex, Inc.
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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 ³ TWA	10 ppm TWA; 30 mg/m ³ TWA
GLYCIDOXYPROPYLTRIMETHOX YSILANE 2530-83-8	1-10	Not Listed	Not Listed
BISPHENOL A FUMARATE RESIN 39382-25-7	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 ³ 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, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C):	More than 200 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:	Irritating vapors.
Unusual Fire/Explosion Hazards:	None
Lower Explosive Limit:	2.0% Acrylic acid
Upper Explosive Limit:	8.0% Acrylic acid

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:	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

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Safety glasses or goggles.
Skin:	Rubber or plastic gloves
Ventilation:	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.
Respiratory Protection:	An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable at normal conditions
Hazardous Polymerization:	WILL NOT OCCUR
Incompatibilities:	Avoid contact with bases and strong oxidizers.
Conditions to Avoid:	High temperatures.
Hazardous Products Formed by Fire or Thermal Decomposition:	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: Unrestricted
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.

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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 ³ TWA	400 ppm TWA
MINERAL SPIRITS 8052-41-3	1-10	100 ppm TWA; 525 mg/m ³ TWA	500 ppm TWA; 2900 mg/m ³ TWA
ORGANO-COPPER COMPOUND 22221-10-9	0.5-5.0	Cu 0.2 mg/m ³ fume; 1 mg/m ³ dust	Cu 1 mg/m ³ fume; 1 mg/m ³ dust

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, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

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 or goggles.
Skin: Rubber or plastic gloves
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.
Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid
Odor: ALCOHOL ODOR
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: High temperatures.
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 (Not more than 500 ml)
Class or Division: Class 9
UN/NA Number: ID 8000

IMDG

Proper Shipping: Isopropanol solution, Limited Quantity
Hazard Class: Class 3, PG II
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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