

**MATERIAL SAFETY
DATA SHEET**

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FOR CHEMICAL EMERGENCY ONLY: **US & CANADA:** (800) 424-9300 **Int'l & Wash. DC:** (703) 527-3887

1. PRODUCT

IDENTIFICATION:

Product ID **N61067 - Rear View Mirror Adhesive - Adhesive**

2. COMPOSITION/INGREDIENTS:

CHEMICAL NAME	CAS #	OSHA PEL	ACGIH TLV	Other Limits	Wt. %
Hydroxyalkyl methacrylate	868-77-9	NE	NE	3 ppm STEL	60-65
Acrylic acid	79-10-7	10 ppm, skin	2 ppm TWA, skin	1 ppm, skin	25-30
Saccharin	81-07-2	NE	NE	NE	2-5
Cumene Hydroperoxide	80-15-9	NE	NE	1 ppm STEL, skin	2-5
Silica, amorphous, fumed, crystalline-free	112945-52-5	6 mg/m ³	10 mg/m ³	3 mg/m ³	1-3

3. HAZARDS IDENTIFICATION:

Emergency Overview

	HMIS	NFPA	
Health	2	2	Amber liquid with sharp, irritating odor. Irritating to skin. Allergic reactions are possible. May cause respiratory tract irritation. Chronic effects may include – potential allergen, irritant, possible kidney or liver effects. Keep out of reach of children.
Flammability	1	1	
Reactivity	1	1	
Physical Hazard	B		

Toxicity	May cause eye and skin irritation with direct contact.			
Primary routes of entry	<u>Inhalation</u>		<u>Ingestion</u>	
	X		X	
Signs/Symptoms of Exposure	Inhalation	Coughing, mucous production, shortness of breath.		
	Skin	Possible redness, irritation; possible dermatitis with prolonged ore repeated contact.		
	Eyes	Excessive tearing, redness and blinking.		
	Ingestion	Irritation of gastrointestinal tract.		

4. FIRST AID MEASURES:

Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin	Immediately flush skin with plenty of water. Remove clothing. Wash hands and skin with soap and water. Wash clothing separately before reuse. Seek medical attention if irritation persists.
Eyes	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Ingestion	If swallowed, do not induce vomiting. Seek medical advice immediately and show container label.

5. FIRE FIGHTING MEASURES:

FLASH POINT: >200 °F/ >93 °C (PMCC)

LEL: NE **UEL:** NE

Extinguishing Media	Use alcohol foam, carbon dioxide, or water spray when fighting fires.
Special Fire Fighting Procedures	As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
Hazardous Products of Combustion	Carbon dioxide, carbon monoxide, nitrogen oxides and other toxic or irritating compounds may evolve when exposed to heat or open flames. Irritating organic vapors.
Unusual Fire/Explosion Hazards	None known.

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6. ACCIDENTAL RELEASE MEASURES:

Spill Procedures	Dike area to prevent spreading. Absorb on vermiculite, sand or other inert absorbing material. Dispose of as a chemical waste.
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7. HANDLING AND STORAGE:

Handling	Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage	Store in a cool place in original container and protect from sunlight. Keep away from heat and sources of ignition. This material contains inhibitors, which upon depletion can result in an excessive thermal reaction.

8. EXPOSURE CONTROL/PERSONAL PROTECTION:

EYES	SKIN	VENTILATION	OTHER
Safety glasses or goggles.	Vinyl or rubber gloves.	Use in well-ventilated area.	Facilities storing or utilizing this material should have an eyewash station.

9. PHYSICAL & CHEMICAL PROPERTIES:

Appearance: Amber liquid	Odor: Sharp, irritating odor	Boiling Point: >300 F / >149 C
Specific Gravity (H₂O=1): 1.06	Solubility in Water: Insoluble	Melting Point: N/A
Vapor Density (Air=1): NE	Vapor Pressure (mm Hg): <5 mm @ 80 F (27 C)	Evaporation Rate (Butyl acetate=1): N/A
Volatile Organic Compounds-VOC (less exempt): 0%		

10. STABILITY & REACTIVITY:

Stable: <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	Hazardous Polymerization: <input type="checkbox"/> may occur <input checked="" type="checkbox"/> may not occur
Incompatible materials:	Strong acids and alkalis, reactive metals and strong oxidizing agents.
Conditions to avoid:	Avoid temperatures over 100F/ 38C, and incompatible materials. Avoid exposure to steel or rust.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide and other toxic or irritating compounds.

11. TOXICOLOGICAL INFORMATION:

Moderately irritating to eyes and skin with direct contact.

12. ECOLOGICAL INFORMATION:

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS:

Dispose of as chemical waste in a manner consistent with federal, state and local regulations.

14. SHIPPING:

DOT	Not restricted.
IATA	Not restricted.
IMDG	Not restricted.

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15. REGULATORY INFORMATION:

TSCA Status: All ingredients in this product are listed, or are exempt, for the TSCA Inventory list.

California Proposition 65: No California Proposition 65 chemicals are known to be present, or are intentionally added in the manufacture of this product.

Other: SARA Section 313 Toxic Chemical: Cumene hydroperoxide, CAS 80-15-9, 1-3%.

16. OTHER INFORMATION:

Abbreviations used in this document:

NA = not applicable

NE = not established

Preparation date: 01/16/14

Revision number: 9

Prepared by: Mary Robles, Regulatory Affairs Manager

The data contained herein is based upon information that Pacer Technology believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

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1. PRODUCT IDENTIFICATION: **Product ID** **N61067 - Rear View Mirror Adhesive - Activator**

3. COMPOSITION/INGREDIENTS:

CHEMICAL NAME	CAS #	OSHA PEL	ACGIH TLV	Other Limits	Wt. %
Isopropyl alcohol	67-63-0	400 ppm	400 ppm	400 ppm	95-99
Metal salt complex	Proprietary	NE	NE	NE	1-5

3. HAZARDS IDENTIFICATION: Emergency Overview

	HMIS	NFPA	
Health	1	1	Blue liquid with alcohol-like odor. Eye irritant and mild skin irritant. Prolonged inhalation may produce headache, nausea and irritation of respiratory tract if inhaled in large quantities. Solvents may defat skin if contact occurs. May be harmful if swallowed. KEEP OUT OF REACH OF CHILDREN.
Flammability	3	3	
Reactivity	0	0	
Physical Hazard			

Toxicity	Prolonged or repeated skin contact may cause dermatitis in sensitive individuals.			
Primary routes of entry	<u>Inhalation</u> <u>Skin</u> <u>Eyes</u> <u>Ingestion</u>			
	X X			
Signs/Symptoms of Exposure	Inhalation	Temporary dizziness, headache, possible nausea with poor ventilation.		
	Skin	Slight irritation.		
	Eyes	Irritation.		
	Ingestion	May be harmful if swallowed.		

4. FIRST AID MEASURES:

Inhalation	Remove to fresh air. Perform artificial respiration if breathing is difficult and get medical attention.
Skin	Remove contaminated clothing and wash affected areas with soap & water. Prolonged or repeated contact may cause dermatitis.
Eyes	Immediately flush eye with large amounts of water for 15 minutes. Contact a physician immediately.
Ingestion	Do not induce vomiting. Get immediate medical attention and show container/card information.

5. FIRE FIGHTING MEASURES: FLASH POINT: 53 °F/12 °C LEL: 2% UEL: 12%

Extinguishing Media	Dry chemical, foam or carbon dioxide.
Special Fire Fighting Procedures	Firefighters should wear self-contained breathing apparatus. Water can be used to cool fire-exposed containers.
Hazardous Products of Combustion	Carbon monoxide, carbon dioxide, and unknown fumes.
Unusual Fire/Explosion Hazards	Keep away from heat, sparks, and open flames. Vapors can cause a flash fire. Vapors may also ignite explosively.

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6. ACCIDENTAL RELEASE MEASURES:

Spill Procedures	Remove all sources of ignition and provide ventilation. Soak up with inert absorbent. Large spills may be scooped up with non-sparking tools. Place into container for disposal.
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7. HANDLING AND STORAGE:

Handling	Use in a well-ventilated area. Do not breathe spray mist. Avoid eye and skin contact. Wash hands well with soap & water after use. Keep container tightly closed when not in use. Ground container when transferring product. Do not cut, puncture, or weld on or near empty container.
Storage	Store in a cool location away from heat, sparks and flame sources. Spray mist and vapors are flammable. Avoid storage over 80 F (27 C).

8. EXPOSURE CONTROL/PERSONAL PROTECTION:

EYES	SKIN	VENTILATION	OTHER
Safety glasses/goggles with side shields.	Rubber gloves.	Fresh air source or mechanical, as needed.	None known.

9. PHYSICAL & CHEMICAL PROPERTIES:

Appearance: Blue liquid.	Odor: Alcohol-type odor.	Boiling Point: 180 F (82 C)
Specific Gravity (H₂O=1): 0.79	Solubility in Water: High.	Melting Point: NE
Vapor Density (Air=1): 2.1	Vapor Pressure (mm Hg): 33 mm	Evaporation Rate (Butyl acetate=1): NE
Volatile Organic Compounds-VOC (less exempt): 750 g/L		

10. STABILITY & REACTIVITY:

Stable: <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	Hazardous Polymerization: <input type="checkbox"/> may occur <input checked="" type="checkbox"/> may not occur
Incompatible materials:	Acids, alkaline material, amines, strong oxidizing agents.
Conditions to avoid:	Heat, sparks, flames, ignition sources and incompatibles.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide.

15. TOXICOLOGICAL INFORMATION: Repeated or prolonged skin contact may cause dermatitis in sensitive individuals.

16. ECOLOGICAL INFORMATION: Possible water pollutant – avoid release to water drainage systems.

17. DISPOSAL CONSIDERATIONS:

Dispose of in accordance with local, state and federal regulations.

18. SHIPPING:

DOT	Consumer Commodity ORM-D (not more than 1 liter)
IATA	ISOPROPANOL, LTD QTY'S, UN1219, 3, II. Exception: Consumer Commodity, ID 8000 (not more than 1 liter)
IMO	ISOPROPANOL, LTD QTY'S, UN1219, 3, II.

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17. REGULATORY INFORMATION:

TSCA Status: All ingredients in this product are listed, or are exempt, for the TSCA Inventory list.

California Proposition 65: No California Proposition 65 chemicals are known to be present, or are intentionally added in the manufacture of this product.

Other: Ingredients subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372: none

18. OTHER INFORMATION:

Abbreviations used in this document:

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