

Material Safety Data Sheet

Revision Date 16-Sep-2014

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 93233A
Product name Rear View Mirror Adhesive
Recommended Use Adhesive

Supplier Lawson Products, Inc.
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
May cause an allergic reaction. Irritant.

Aggravated Medical Conditions
None Known

Principal Routes of Exposure
Eyes. Skin.

Potential health effects

Eyes Contact with eyes may cause irritation.
Skin May cause the following effects: . Skin Irritation.
Allergic reaction .
Inhalation No adverse affects expected.
Ingestion No adverse affects expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
2-Hydroxyethyl methacrylate	868-77-9	50-70
Impact Modifier	Proprietary	10-30
Acrylic acid	79-10-7	5-10
Fumed Silica	112945-52-5	1-5
Cumene hydroperoxide	80-15-9	0.1-1.0

4. FIRST AID MEASURES

Eye contact If eyelids are bonded closed, release eyelashes with warm water by covering with wet cloth . Seek medical attention.
Skin contact Soak in warm, soapy water. Adhesive will come loose in several hours. Seek medical attention if irritation persists.

Ingestion No specific treatment is necessary since this material is not likely to be hazardous by ingestion. Do Not induce vomiting. Seek medical attention.

Inhalation Move to fresh air. Contact physician if breathing difficulty develops.

5. FIRE FIGHTING MEASURES

Flash point °C > 93.33
Flash point °F > 200
Method Tag Closed Cup

Autoignition temperature °C No data available
Autoignition temperature °F No data available

Flammability Limits (% in Air)
Upper No data available
Lower No data available

Suitable extinguishing media
Foam. Dry chemical powder. Carbon dioxide (CO2).

Special protective equipment for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Soak up with inert absorbent material. Dispose of absorbent in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Handling
Keep container closed when not in use. Avoid contact with skin and eyes. Avoid breathing vapors.

Storage
Maximum storage temperature is 100 degrees F. Keep away from heat. Keep away from direct sunlight. Keep in a dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
2-Hydroxyethyl methacrylate	-	-	-	-
Fumed Silica	-	-	-	-
Acrylic acid	-	-	2 ppm	-
Cumene hydroperoxide	-	-	-	-
Impact Modifier	-	-	-	-

Ventilation and Environmental Controls

Use enough ventilation, local exhaust at the work area, general, or both, to keep below the TLV's in the worker's breathing zone and the general area.

Hygiene measures

General industrial hygiene practice.

Respiratory protection

None necessary under normal conditions. Use NIOSH approved respirator if TLV limit is exceeded. Wear a NIOSH approved vapor/mist respirator.

Hand Protection

Polyethylene Gloves. Do not use: Cotton gloves. Wool gloves.

Eye protection

Goggles. Safety glasses with side-shields.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Amber
Odor	Strong Pungent
Odor Threshold	No information available
pH	No data available
Specific Gravity	1.09
Vapor pressure	5 mmHg @ 80°F
Vapor density	No data available
Evaporation Rate	Not Applicable
Water solubility	Slightly soluble
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	> 148.89
Boiling point/range °F	> 300
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	> 93.33
Flash point °F	> 200

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

Avoid direct sunlight. Avoid heat. > 100°F.

Incompatibility

Oxidizers. Heavy metal salts (i.e.. cobalt, nickel, copper, or manganese). Amines. Inert gases.

Hazardous Decomposition Products

Carbon dioxide. Carbon monoxide. Unidentifiable organic compounds.

Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
2-Hydroxyethyl methacrylate 868-77-9	5050 mg/kg	3000 mg/kg	-
Fumed Silica 112945-52-5	-	-	-
Acrylic acid 79-10-7	193 mg/kg	295 mg/kg	11.1 mg/L 3.6 mg/L
Cumene hydroperoxide 80-15-9	382 mg/kg	0.126 mL/kg	220 ppm
Impact Modifier Proprietary	-	-	-

Synergistic Products

None known

Potential health effects

Sensitization	May cause sensitization of susceptible persons..
Chronic toxicity	None known
Mutagenic effects	None known
Teratogenic effects	None known
Reproductive toxicity	None known
Target Organ Effects	See Section 2
Carcinogenic effects	See table below

Product code **93233A**Product name **Rear View
Mirror Adhesive**

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
2-Hydroxyethyl methacrylate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fumed Silica	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Acrylic acid	A4	Not Listed	Not Listed	Not Listed	Not Listed
Cumene hydroperoxide	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Impact Modifier	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATIONAcrylic acid**Water Flea Data***Daphnia magna* EC50=95 mg/L (48 h)**13. DISPOSAL CONSIDERATIONS****Disposal Information**

As supplied, this product is classified as non-hazardous waste according to RCRA regulations. Landfill or incinerate in accordance with EPA and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Acrylic acid	Listed
Cumene hydroperoxide	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
2-Hydroxyethyl methacrylate	Not Listed	Not Listed	Not Listed
Fumed Silica	Not Listed	Not Listed	Not Listed
Acrylic acid	Listed	Listed	Not Listed
Cumene hydroperoxide	Listed	Listed	Not Listed
Impact Modifier	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
2-Hydroxyethyl methacrylate	X	X	-	X
Fumed Silica	-	X	-	-
Acrylic acid	X	X	-	X
Cumene hydroperoxide	X	X	-	X
Impact Modifier	-	-	-	-

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION**NFPA**

Health - 1
Flammability - 3
Reactivity - 1

HMIS

Health - 1
Flammability - 3
Physical Hazard - 1

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.