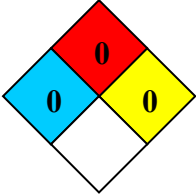


Poly(2-ethylhexyl methacrylate)

Data Sheet

NFPA	HMIS	Personal Protective Equipment								
	<table border="1"> <tr> <td>Health Hazard</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Fire Hazard</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Physical Hazard</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Personal Protection</td> <td></td> </tr> </table>	Health Hazard	0	Fire Hazard	0	Physical Hazard	0	Personal Protection		
Health Hazard	0									
Fire Hazard	0									
Physical Hazard	0									
Personal Protection										
For additional information on toxicity, please refer to Section 11		See Section 8								

Section 1: Identification

Product Name:	Poly(2-ethylhexylmethacrylate)	Manufacturer:
Synonyms:	PEHMA	Polymer Chemistry Innovations, Inc. 4231 South Fremont Avenue Tucson, AZ 85714 (520) 746-8446 P (520) 746-8876 F CHEMTREC contract # 201299 24 hour emergency number for CHEMTREC 800-424-9300 outside USA +1 703-527-3887

Section 2: Hazard Identification

Classification	Not classified as a hazardous material
Signal Words	None
Other Hazards	None

Section 3: Composition/Information on Ingredients

Chemical Name:	Poly(2-ethylhexylmethacrylate)	Chemical Family:	Polymethacrylates
Common Name:	PEHMA	Chemical Formula:	$(\text{CH}_2\text{C}(\text{CH}_3)\text{COOCH}_2\text{CH}(\text{C}_2\text{H}_5)(\text{CH}_2)_3\text{CH}_3)_n$
Ingredient/Substance Name:	%	CAS #	
Poly (2-ethylhexylmethacrylate)	100	25719-51-1	

Section 4: First Aid Measures

Eyes	Flush eyes with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention if irritation develops.
Skin	Wash exposed area with soap and water.
Inhalation	Not a usual route of exposure.
Ingestion	Induce vomiting if a large volume is ingested. Seek medical attention.
Symptoms/Effects	None known

Section 5: Fire Fighting Measures

Extinguishing Media	Use water spray or fog, CO ₂ , dry chemical, or chemical foam.
Special Fire Fighting Instructions	Not determined.

Section 6: Accidental Release Measures

Spill or Release	Shovel spilled material into containers. Thoroughly sweep up residual material. Wash spill site after pickup is complete.
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Section 7: Storage and Handling

Storage and Handling	Keep in closed or covered containers when not in use. Store in cool dry place with adequate ventilation. Protect from moisture.
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Section 8: Exposure Controls/Personal Protection

OSHA PEL	Not determined
ACGIH TLV	Not determined
Eyes	Safety glasses.
Skin	Long sleeved shirt, protective gloves, and pants to prevent exposure.
Ventilation	Keep adequate ventilation if polymer dust is present.
Respirator	NIOSH approved dust masks are recommended if dust is generated.

Section 9: Physical and Chemical Properties

Physical State	Solid
Appearance	White to off-white particles
Odor/Odor Threshold	Not characterized/Not determined
Melting Point	Not determined
Freezing Point	Not determined
Boiling Point	Not determined
Solubilities	Non-polar solvents
Volatile Content	≤ 2350 ppm
pH	Not determined
Auto-ignition Temp.	Not determined
Flash Point	Not applicable
Flammability	Not applicable
Explosion Limit Lower	Not determined
Explosion Limit Upper	Not determined
Evaporation Rate	Not applicable

Decomposition Temp.	Not determined
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Specific Gravity	Not determined
Partition Coefficient n-octanol/water	Not determined
Viscosity	Not applicable
Molecular Weight	Not determined
Molecular Formula	$(\text{CH}_2\text{C}(\text{CH}_3)\text{COOCH}_2\text{CH}(\text{C}_2\text{H}_5)(\text{CH}_2)_3\text{CH}_3)_n$

Section 10: Stability and Reactivity

Reactivity	Not determined
Chemical Stability	Product is stable under normal conditions of storage and handling.
Conditions to Avoid	Repetitive movement on plastic surfaces may cause product to develop a static charge. Use caution when flammable liquids are present.
Incompatibilities	None determined
Decomposition Products	Nitrogen oxides, carbon monoxide, and carbon dioxides. Toxic fumes may be generated when product decomposes.
Hazardous Polymerization	Will not occur.

Section 11: Toxicology Information

Likely Routes of Exposure	Skin contact
Symptoms	None determined
Effects Acute/Chronic	None known
Carcinogen	Not determined
Toxicity	Not considered to be toxic at this time.

Section 12: Ecological Information

Ecotoxicity	Not determined
Persistence and Degradability	Not determined
Bio-accumulative potential	Not determined
Mobility in Soil	Not determined
Other Adverse Effects	Not determined

Section 13: Disposal Considerations

Disposal	Product is considered non-hazardous. Dispose of in a manner consistent with local, state, and Federal regulations
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Section 14: Transportation Information

Hazardous Transportation	Not regulated by DOT, IMO, or ICAO.
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Section 15: Regulatory Information

Safety, Health, and
Environmental
Regulations

None known.

Section 16: Additional Information

Creation date: 7/30/2002 Created by Polymer Chemistry Innovations, Inc.

Last revision date: 10/30/15 Revision #4.

This data sheet and recommendations presented in this data sheet concerning the use of our product and the materials contained therein are believed to be accurate and are based on information that is considered reliable as of the date hereof. However, the customer should determine the suitability of such materials for his or her purpose before adopting them on a commercial scale. Since the use of our products by others is beyond our control, no guarantee, expressed or implied, is made and no responsibility assumed for the use of this material or the results to be obtained therefrom. Information on the form is furnished for the purpose of compliance with Government Health and Safety Regulations and shall not be used for any other purpose. Moreover, the recommendations contained in this data sheet are not to be construed as a license to operate under, or a recommendation to infringe, any existing patents, nor should they be confused with state, municipal, or insurance requirements, or with national safety codes.