

# Material Safety Data Sheet

According to EG 1907/2006



Date Updated: 05/06/2008

Version: 1.0

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<b>1. Identification of the substance and of the company</b>	
Product name	Poly(ethyl methacrylate)
<b>Manufacturer / supplier identification</b>	
Company	PSS Polymer Standards Service GmbH In der Dalheimer Wiese 5 D - 55023 Mainz
Technical Phone	+49 6131 - 96239 - 0
Fax	+49 6131 - 96239 -11
Email	Info@polymer.de
Emergency Phone	+49 6131 - 1924 - 0
<b>2. Composition / information on ingredients</b>	
CAS-No.:	9003-42-3
EC No.:	none
Molecular formula:	$[\text{CH}_2\text{C}(\text{CH}_3)(\text{CO}_2\text{C}_2\text{H}_5)]_n$
<b>3. Hazards identification</b>	
SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT	
<b>4. First aid measures</b>	
AFTER INHALATION If inhaled, remove to fresh air.	
AFTER SKIN CONTACT In case of contact, immediately wash skin with soap and copious amounts of water.	
AFTER EYE CONTACT In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers.	
AFTER INGESTION	
<b>5. Fire fighting measures</b>	
CONDITIONS OF FLAMMABILITY Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air.	
EXTINGUISHING MEDIA Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.	
SPECIAL RISKS	
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.	
<b>6. Accidental release measures</b>	
PROCEDURE(S) OF PERSONAL PRECAUTION(S) Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.	

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<b>METHODS FOR CLEANING UP</b> Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.	
<b>7. Handling and storage</b>	
<b>HANDLING</b> Directions for Safe Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing.	
<b>STORAGE</b> Conditions of storage: Keep tightly closed. Store in a cool dry place.	
<b>8. Exposure controls / personal protection</b>	
<b>ENGINEERING CONTROLS</b> Safety shower and eye bath. Mechanical exhaust required.	
<b>GENERAL HYGIENE MEASURES</b> Wash thoroughly after handling. Remove and wash contaminated clothing promptly.	
<b>PERSONAL PROTECTIVE EQUIPMENT</b> Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.	
<b>HAND PROTECTION</b> Compatible chemical-resistant gloves.	
<b>EYE PROTECTION</b> Chemical safety goggles.	
<b>9. Physical and chemical properties</b>	
Appearance	Physical State: Solid / Fluid Colour: - Form: Solid / viscous liquid
Property	Value
pH	N/A
BP/BP Range	N/A
Mp/Mp Range	N/A
Flash Point	N/A
Flammability	N/A
Autoignition Temp.	N/A
Oxidizing Properties	N/A
Explosive Properties	N/A
Explosion Limits	N/A
Vapor Pressure	N/A
SG/Density	N/A
Partition Coefficient	N/A
Viscosity	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Evaporation Rate	N/A
Bulk Density	N/A
Decomposition Temp.	N/A

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Solvent Content	N/A
Water Content	N/A
Surface Tension	N/A
Conductivity	N/A
Miscellaneous Data	N/A
Solubility in Water:	N/A
Solubility: Solvent	N/A
<b>10. Stability and reactivity</b>	
STABILITY Materials to Avoid: Strong oxidizing agents, Strong bases.	
HAZARDOUS DECOMPOSITION PRODUCTS Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.	
<b>11. Toxicological information</b>	
RTECS NUMBER: TR0400000	
SIGNS AND SYMPTOMS OF EXPOSURE To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	
ROUTE OF EXPOSURE Skin contact: May cause skin irritation Eye Contact: May cause eye irritation. Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption.	
<b>12. Ecological information</b>	
No data available	
<b>13. Disposal considerations</b>	
SUBSTANCE DISPOSAL Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.	
<b>14. Transport information</b>	
RID/ADR Non-hazardous for road transport.	
IMDG Non-hazardous for sea transport.	
IATA Non-hazardous for air transport.	
<b>15. Regulatory information</b>	
Caution: Substance not yet fully tested (EU).	
COUNTRY SPECIFIC INFORMATION Germany WGK: 3 Self-Classification	
<b>16. Other information</b>	
WARRANTY The information in this document is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product. PSS GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.	

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