

# Material Safety Data Sheet

According to EG 1907/2006



Date Updated: 02/03/2009

Version: 1.0

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<b>1. Identification of the substance and of the company</b>	
Product name	Poly(isobutylene)
<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.:	9003-27-4
EC No.:	none
Molecular formula:	C <sub>4</sub> H <sub>8</sub>
<b>3. Hazards identification</b>	
SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT This substance is not classified as dangerous according to Directive 67/548/EEC	
<b>4. First aid measures</b>	
AFTER INHALATION If breathed in, move person into fresh air. If not breathing give artificial respiration.	
AFTER SKIN CONTACT Wash off with soap and plenty of water.	
AFTER EYE CONTACT Flush eyes with water as a precaution.	
AFTER INGESTION If swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water.	
<b>5. Fire fighting measures</b>	
CONDITIONS OF FLAMMABILITY N/A	
EXTINGUISHING MEDIA Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
SPECIAL RISKS N/A	
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Wear self contained breathing apparatus for fire fighting if necessary.	
<b>6. Accidental release measures</b>	
ENVIRONMENTAL PRECAUTIONS Do not let product enter drains.	
PROCEDURE(S) OF PERSONAL PRECAUTION(S) Avoid breathing vapors, mist or gas.	

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<b>METHODS FOR CLEANING UP</b> Keep in suitable, closed containers for disposal.	
<b>7. Handling and storage</b>	
<b>HANDLING</b> Normal measures for preventive fire protection.	
<b>STORAGE</b> Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.	
<b>8. Exposure controls / personal protection</b>	
<b>ENGINEERING CONTROLS</b> Safety shower and eye bath. Mechanical exhaust required.	
<b>GENERAL HYGIENE MEASURES</b> General industrial hygiene practice.	
<b>PERSONAL PROTECTIVE EQUIPMENT</b> Respiratory Protection: Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).	
<b>HAND PROTECTION</b> For prolonged or repeated contact use protective gloves.	
<b>EYE PROTECTION</b> Chemical safety goggles.	
<b>9. Physical and chemical properties</b>	
Appearance	Physical State: Form: liquid/solid, clear Colour: light yellow
Property	Value
pH	no data available
BP/BP Range	no data available
Mp/Mp Range	no data available
Flash Point	no data available
Flammability	no data available
Autoignition Temp.	no data available
Oxidizing Properties	no data available
Explosive Properties	no data available
Explosion Limits	no data available
Vapor Pressure	no data available
SG/Density	no data available
Partition Coefficient	no data available
Viscosity	no data available
Vapor Density	no data available
Saturated Vapor Conc.	no data available
Evaporation Rate	no data available
Bulk Density	no data available
Decomposition Temp.	no data available

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Solvent Content	no data available
Water Content	no data available
Surface Tension	no data available
Conductivity	no data available
Miscellaneous Data	no data available
Solubility	Tetrahydrofuran
<b>10. Stability and reactivity</b>	
STABILITY Stable: Stable under recommended storage conditions. Materials to Avoid: Strong oxidizing agents.	
HAZARDOUS DECOMPOSITION PRODUCTS Hazardous decomposition products formed under fire conditions. - Carbon oxides.	
HAZARDOUS POLYMERIZATION N/A	
<b>11. Toxicological information</b>	
ACUTE TOXICITY no data available	
IRRITATION AND CORROSION no data available	
SENSITISATION no data available	
CHRONIC EXPOSURE IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
POTENTIAL HEALTH EFFECTS Skin : May be harmful if absorbed through skin. May cause skin irritation. Eye : May cause eye irritation. Inhalation: May be harmful if inhaled. May cause respiratory tract irritation. Ingestion: May be harmful if swallowed.	
<b>12. Ecological information</b>	
ELIMINATION INFORMATION (persistence and degradability) no data available	
ECOTOXICITY EFFECTS Toxicity to fish: LC50 - Oncorhynchus mykiss (rainbow trout) - > 5.600 mg/l - 96 h	
FURTHER INFORMATION ON ECOLOGY no data available	
<b>13. Disposal considerations</b>	
PRODUCT Observe all federal, state, and local environmental regulations.	
CONTAMINATED PACKAGING Dispose of as unused product.	
<b>14. Transport information</b>	
RID/ADR Not dangerous goods	

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IMDG

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IATA

Not dangerous goods

## 15. Regulatory information

LABELLING ACCORDING TO EC DIRECTIVES

Caution - substance not yet tested completely.

## 16. Other information

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.

DISCLAIMER

For R&D use only. Not for drug, household or other uses.