

Poliom LLC

Полиом®
Омский завод полипропилена

SAFETY DATA SHEET In accordance with Regulation (EC) 1907/2006 (REACH), Annex II

DATE OF ISSUE 15 July 2013

SAFETY DATA SHEET



POLYPROPYLENE

Polypropylene "Poliom" PP H030GP

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1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY	
1.1 Identification of the substance	
• REACH Registration Number	Exempted from REACH registration
• EC#	Propene 204-06-1
• CAS#	Propene 115-07-1
• Substance Name	1-propene homopolymer
• Trade name	Polypropylene grade "Poliom" PP H030GP
• Index number	Propene 601-011-00-9
• Chemical Formula	(C ₃ H ₆) _n
1.2 Use of the substance/mixture	
resin, extrusion and compounding, plastic molding, molded coatings.	
1.3 Company/undertaking identification	
• Producer of the substance	Poliom LLC 644035, Omsk, Krasnoyarsky trakt, 137 Phone / Fax: +7 (3812) 92-54-77, 92-54-81 E-mail: info@poliom.titan-chem.ru
1.4 Emergency telephone	
• Emergency telephone number	+7 (3812) 92-54-80

2.	HAZARDS IDENTIFICATION
2.1. Classification of the substance or mixture to CLP	
This substance is not classified as dangerous according to CLP.	
2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)	
This substance is not classified as dangerous according to GHS	
2.1.2. Classification according to Directive 67/548/EEC (DSD)	
This substance is not classified as dangerous according to Directive 67/548/EEC.	
2.2. Label elements (CLP only) Labeling according to Regulation (EC) No 1272/2008 (CLP/GHS)	
Classification and labeling according to EU Regulation (EC) 1272/2008 (CLP Regulation) and Globally Harmonized System (GHS):	
Label elements	Acute/Chronic
GHS Pictogram	
Signal Word	This substance is not classified as dangerous according to GHS
Hazard Statement	This substance is not classified as dangerous according to GHS
Precautionary Statement prevention	This substance is not classified as dangerous according to GHS
Precautionary Statement Response	This substance is not classified as dangerous according to GHS
Precautionary Statement Storage	This substance is not classified as dangerous according to GHS
Precautionary Statement Disposal	This substance is not classified as dangerous according to GHS

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2.2.2. Labeling according to Directive 67/548/EEC (DSD):

This substance is not classified as dangerous according to Directive 67/548/EEC.

2.3. Other hazards Substance meets the criteria for PBT OR vPvB according to Regulation (EC) 1907/2006, Annex XIII

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Polypropylene Homopolymer

99,5+

CAS Number: 9003-07-0

4. FIRST AID MEASURES

4.1. Description of first aid measures

- | | |
|-----------------------|--|
| • Eye contact | Immediately flush eyes with water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Do not rub the eyes. Get medical attention if irritation develops |
| • Skin Contact | Wash affected skin area with soap and water. Get medical attention if irritation develops. |
| • Inhalation | Remove to fresh air. Get medical attention if irritation or other symptoms develop. |
| • Ingestion | If ingested, dilute swallowed material by drinking water. Never give anything by mouth to an unconscious person. Get medical attention if irritation or other symptoms develop |

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

No data available

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5.	FIRE-FIGHTING MEASURES
5.1. Extinguishing media	
<ul style="list-style-type: none"> • Dry chemical, Carbon dioxide (CO₂), Water spray. 	
5.2. Special hazards arising from the substance or mixture	
<ul style="list-style-type: none"> • Substance evolves carbon dioxide, carbon monoxide and other hydrocarbons when burnt., These gases may be suffocating or toxic in confined spaces 	
5.3. Advice for fire-fighters	
<ul style="list-style-type: none"> • Wear self-contained respiratory protective device and protective suit 	
Other information	
<ul style="list-style-type: none"> • Auto-Ignition Temperature 	797 °F (425 °C)
<ul style="list-style-type: none"> • Flash Points 	792 °F (422 °C)
<ul style="list-style-type: none"> • Products of Combustion 	When forced to burn, the major gaseous products of the combustion of plastic resin are carbon monoxide and carbon dioxide.
<ul style="list-style-type: none"> • Unusual Fire and Explosion Hazards 	Product is supplied as pellets. However, if product is ground, dust may form an explosive atmosphere when dispersed in air.

6.	ACCIDENTAL RELEASE MEASURES
6.1. Personal precautions, protective equipment and emergency procedures	
Restrict access to keep out unauthorized or unprotected personnel. Wear appropriate personal protective equipment during all clean-up activities. Avoid inhalation and direct contact.	

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6.2. Environmental precautions
<ul style="list-style-type: none"> Keep spilled material away from heat, sparks and open flames. Ensure adequate ventilation
6.3. Methods and material for containment and cleaning up large and small spill
<ul style="list-style-type: none"> Collect spilled generation (e.g., wet methods, HEPA vacuum). Place waste in material using a an appropriate container for disposal. Use care during clean-up method that to avoid exposure to the material and injury from broken minimizes dust containers

7.	HANDLING AND STORAGE
7.1	Precautions for safe handling
	<ul style="list-style-type: none"> Use with adequate ventilation. Avoid dust generation. Avoid contact with eyes and skin. Accumulations of dust should be removed from settling areas.
7.2	Conditions for safe storage.
	<ul style="list-style-type: none"> Store in a cool, dry, well-ventilated area or silo away from sources of heat, flame and sparks. Ventilate enclosed storage areas, such as trailers and railcars, before entering. Have emergency equipment for fires and spills readily available.
7.3. Specific end use(s)	
	<ul style="list-style-type: none"> resin, extrusion and compounding, plastic molding, molded coatings.

8.	EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1	Control parameters
	Not available

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8.2.	Exposure guidelines
<p>OSHA PEL-TWA: 15 mg/m³ (total dust), 5 mg/m³ (respirable dust) ACGIH TLV-TWA: 10 mg/m³ (total dust), 3 mg/m³ (respirable dust)</p>	
8.2.1.	Occupational Exposure controls
<ul style="list-style-type: none"> Required Work/Hygiene Procedure 	<p>Wash hands thoroughly after handling. Do not eat, drink or smoke in work area. If unusual exposures are expected, an industrial hygiene review of work practices, engineering controls and personal protective equipment is recommended.</p>
8.2.2.	Personal protection
(a)	Respiratory protection
<ul style="list-style-type: none"> None required under normal conditions of use. 	
(b)	Eye protection
<ul style="list-style-type: none"> Wear safety glasses with side shields, goggles or face shield. 	
(c)	Skin protection
<ul style="list-style-type: none"> Wear appropriate gloves when handling hot material. 	

9.	PHYSICAL AND CHEMICAL PROPERTIES
9.1	General Information
<ul style="list-style-type: none"> Physical state 	Solid pellets
<ul style="list-style-type: none"> Color 	Translucent white
<ul style="list-style-type: none"> Odor 	Odorless
<ul style="list-style-type: none"> Taste 	Not known
9.2	Important health, safety and environmental information

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• Molecular Weight:	Not determined
• Boiling Point:	Not determined
• Melting Point:	248 - 338 °F (120 – 170 °C)
• Freezing Point:	Solid material
• Solubility in Water:	Insoluble
• Specific Gravity:	0.90 (<i>water = 1</i>)
• Vapor Density:	Not applicable (<i>air = 1</i>)
• Evaporation Rate:	Not applicable (<i>butyl acetate = 1</i>)
• % Volatile:	Not applicable
• Vapor Pressure:	Not determined
• pH:	Not determined

9.3.

Other information

The physical data included above are typical values and should not be construed as a specification.

10.	STABILITY AND REACTIVITY
10.1.	Reactivity
	<ul style="list-style-type: none"> • Strong oxidizing agents
10.2.	Chemical stability
	<ul style="list-style-type: none"> • Stable under normal condition
10.3.	Possibility of hazardous reactions
	<ul style="list-style-type: none"> • Strong oxidizing agents
10.4.	Conditions to avoid

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	<ul style="list-style-type: none"> Keep away from strong oxidizing agents.
	<ul style="list-style-type: none"> Heat, flame and sparks.
10.5.	Incompatible materials
	<ul style="list-style-type: none"> Strong oxidizing agents
10.6.	Hazardous decomposition/
	<ul style="list-style-type: none"> Not expected to occur.
11.	TOXICOLOGICAL INFORMATION
11.1. Information on toxicological effects	
Acute effects (acute toxicity, irritation and corrosivity) Acute Toxicity	
	<ul style="list-style-type: none"> No data available
Sensitisation	
	<ul style="list-style-type: none"> No data available
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)	
<ul style="list-style-type: none"> Mutagenic Effects 	No data available
<ul style="list-style-type: none"> Carcinogenicity 	No data available
<ul style="list-style-type: none"> Reprotoxic Effects 	No data available
Other Toxic Effects on Humans:	
<ul style="list-style-type: none"> Inhalation: 	No data available
<ul style="list-style-type: none"> Eyes: 	Solid particles may cause transient irritation from mechanical abrasion.
<ul style="list-style-type: none"> Skin 	Not expected to cause skin irritation. Molten material may cause thermal burns
<ul style="list-style-type: none"> Ingestion 	No data available
12.	ECOLOGICAL INFORMATION
12.1	Ecotoxicity

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12.1.2. Chronic aquatic toxicity: freshwater	
<ul style="list-style-type: none">No data available	
12.1.3. Chronic aquatic toxicity: marine waters	
<ul style="list-style-type: none">No data available	
12.1.4. Sediment toxicity	
<ul style="list-style-type: none">No data available	
12.1.5. Soil toxicity	
<ul style="list-style-type: none">No data available	
12.1.6. Toxicity to micro-organisms in STP	
<ul style="list-style-type: none">No data available	
12.2	Persistence and degradability
<ul style="list-style-type: none">No data available	
12.3	Bioaccumulative potential
<ul style="list-style-type: none">No data available	
12.4	Mobility in soil
<ul style="list-style-type: none">No data available	
12.5	Results of PBT and vPvB assessment
<ul style="list-style-type: none">The hazard assessment of polypropylene reveals that it is not a PBT or vPvB	
12.6.	Other adverse effects
13.	DISPOSAL CONSIDERATIONS

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13.1. Waste treatment methods

This product must be disposed of in accordance with Federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

14.1. UN number NA

14.2. UN proper shipping name NA

14.3. Transport hazard class (as) NA

14.4. Packing group NA

14.5. Environmental hazards Not classified as dangerous in transport regulations

14.6. Special precautions for user NA

15. REGULATORY INFORMATION

15.1. Other regulatory information

Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)

- This substance is not classified as dangerous according to GHS.

15.2. Chemical Safety Assessment

- The substance is exempted from REACH registration.
- Classification: Not hazardous according to EU criteria

16. OTHER INFORMATION

Technical Advice

- Use data given in this Safety Data Sheet and make an inventory list of all chemicals used in the factory
- Create a Register for Workplace Chemicals;
- Set priorities concerning the safety in the organization
- Create emergency plans for the assessed hazards;
- Organize occupational health care and regular surveys as necessary;

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<ul style="list-style-type: none">Organize contacts with authorities/laboratories to create a monitoring system for chemical hazards, and to reliably measure and/or estimate occupational exposures to chemicals when needed;
<ul style="list-style-type: none">Start collecting case studies of accidents and sickness records in the enterprise to create a basis for priority measures in the control of hazards;
<ul style="list-style-type: none">Involve workers in safety organizations, such as the system of Safety Representatives and Committees.
<ul style="list-style-type: none">Do regular inspection using checklists made for the particular chemicals and chemical processes in use;
<ul style="list-style-type: none">Mark and label all chemicals;
<ul style="list-style-type: none">Keep at hand an inventory list of all chemicals handled in the place of work together with a collection of Chemical Safety Data Sheets for these chemicals;
<ul style="list-style-type: none">Train workers to read and understand the Chemical Safety Information, including the health hazards and routes of exposure; train them to handle dangerous chemicals and processes with respect;
<ul style="list-style-type: none">Plan, develop and choose the safe working procedures;
<ul style="list-style-type: none">Reduce the number of people coming into contact with dangerous chemicals;
<ul style="list-style-type: none">Reduce the length of time and/or frequency of exposure of workers to dangerous chemicals;
<ul style="list-style-type: none">Train workers to know and understand the emergency procedures;
<ul style="list-style-type: none">Equip and train workers to use personal protective equipment properly after everything possible has been done to eliminate hazards by means of other methods;

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