Polyisobutene (PIB)

Safety Data Sheet

according to SOR/2015-17, Hazardous Products Regulations (HPR) , as amended by SOR/2022-272
Issue date: 7 June 2019 Revision date: 15 April 2026 Supersedes: 19 February 2024 Version: 3.1

SECTION 1 Identification

1.1. GHS Product identifier

Product form : Substance
Trade name : Polyisobutene (PIB)
Chemical name : 1-Propene, 2-methyl-, homopolymer
CAS-No. : 9003-27-4
Product code : PIB06, PIB06 IBC, PIB06 TF, PIB06 TR, PIB08, PIB08 TF, PIB08 TR, PIB10, PIB10 IBC, PIB10 TF, PIB10 TR, PIB10B, PIB10B IBC, PIB10B TF, PIB12, PIB12 TF, PIB12 TR, PIB16, PIB16 IBC, PIB16 TF, PIB16 TR, PIB18, PIB18 TF, PIB18 TR, PIB20, PIB20 TF, PIB20 TR, PIB24, PIB24 A, PIB24 A TR, PIB24 TF, PIB24 TR, PIB28, PIB28 TF, PIB28 TR, PIB28LZ, PIB30, PIB30 TF, PIB30 TR, PIB32, PIB32DM, PIB32 TF, PIB32 TR, PIB32 3M, PIB38, PIB80, PIB80 TF, PIB80 TR, PIB90, PIB120, PIB120 TF, PIB120 TR, PIB121, PIB121 TR, PIB122, PIB122 TF, PIB122 TR, PIB122LZ, PIB126, PIB126 TF, PIB126 TR, PIB128, PIB128 TF, PIB128 TR, PIB128KL, PIB128KL TR, PIB240, PIB240 TF, PIB240 TR, PIB240KL, PIB240KL TR, PIB N/E.

1.2. Other means of identification

Synonyms : POLYISOBUTENE / Poly(4+) isobutylene / Polyisobutene / 1-Propene, 2-methyl-, homopolymer
EC-No. : 618-360-8

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Use as an intermediate, Formulation & (re)packing of substances and mixtures, coatings, agrochemicals, Fuels, Lubricants and additives, Laboratory chemicals, Functional Fluids, Consumer use, Metal working fluids, Cosmetics, personal care products
Restrictions on use : No additional information available

1.4. Supplier's details

Braskem America, Inc.
1735 Market Street
Philadelphia, PA 19103-7583
Tel: (800) 396 - 5252
productsafety@braskem.com

1.5. Emergency phone number

Emergency number : CHEMTREC: +1 800 424 9300 (NORTH AMERICA)
CHEMTREC International: +1 1-703-527-3887

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Not classified

2.2. GHS label elements, including precautionary statements

GHS CA labelling

No labelling applicable

2.3. Other hazards which do not result in classification

other hazards which do not result in classification : Thermal hazards. Spilled material may present a slipping hazard.

SECTION 3 Composition/information on ingredients

3.1. Substances

Name	Chemical name/Synonyms	Product identifier	%	Classification (GHS CA)
Polyisobutylene (Main component)	1-Propene, 2-methyl-, homopolymer POLYISOBUTENE / Poly(4+) isobutylene / Polyisobutene / 1-Propene, 2-methyl-, homopolymer	CAS-No.: 9003-27-4	100	Not classified

Comments : The substance has a variable viscosity and some grades meet the criteria for classification as an aspiration hazard, while some grades do not meet the criteria for classification. The information in Section 3 of this SDS indicates that the CAS number is associated with the Aspiration Toxicity hazard classification. In the absence of a measured viscosity, the substance will be classified as being an aspiration hazard. Where viscosity measurements are available, the overall classification presented in Section 2 of this SDS will reflect the hazard classification based on the measured viscosity.

3.2. Mixtures

Not applicable

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move to fresh air. If breathing stops, give artificial respiration. Get medical advice/attention.

First-aid measures after skin contact : Contact burns from hot or very cold materials should be flooded with cool low pressure water for 15 minutes. Seek medical attention if burns develop.

First-aid measures after eye contact : Contact burns from hot or very cold materials should be flooded with cool low pressure water for 15 minutes. Seek medical attention if burns develop.

First-aid measures after ingestion : Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Seek medical attention immediately. Rinse mouth. Obtain emergency medical attention.

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Burns should be treated by doctor.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : Thermal hazards.

Symptoms/effects after inhalation : Overexposure to vapours may result in cough.

Symptoms/effects after skin contact : Thermal hazards : Causes burns.

Symptoms/effects after eye contact : Thermal hazards : Causes burns.

Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Note to physician : : Treat as thermal burns. In case of skin burns, to minimize physical damage to the skin, do not remove the polybutene. Cover the injured area with appropriate burn gel.

SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Carbon dioxide (CO_2), dry chemical powder, foam. Water spray. Foam. Dry powder. Carbon dioxide. Sand.

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread. Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : On combustion forms: Carbon dioxide. Carbon monoxide.

Explosion hazard	:	No direct explosion hazard.
Hazardous decomposition products in case of fire	:	On combustion, forms: carbon oxides (CO and CO2).

5.3. Special protective actions for fire-fighters

Firefighting instructions	:	Cool closed containers exposed to fire with water spray. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protective equipment for firefighters	:	Fully enclosed impervious protective suit with integral or tight-fitting gloves, boots, self-contained or supplied air respirator must be worn. For further information refer to section 8: "Exposure controls/personal protection".
Other information	:	Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Thermal hazards. Spilled material may present a slipping hazard. Prevent entry to sewers and public waters. Avoid contact with heated material. Ventilate area.
Personal Precautions, Protective Equipment and Emergency Procedures	:	Stop leak if safe to do so. Stay upwind/keep distance from source. Evacuate unnecessary personnel. Wear suitable protective clothing. For further information refer to section 8: "Exposure controls/personal protection".
Environmental precautions	:	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Notify authorities if liquid enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment	:	Stop leaks if it can be done without personal risk. Ventilate spillage area. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	:	Take up liquid spill into dry absorbent material e.g.: dry sand/earth/vermiculite. Collect all waste in suitable and labelled containers and dispose according to local legislation. Collect spillage.
Other information	:	Dispose of in a safe manner in accordance with local/national regulations.

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations". See Section 8. Exposure controls and personal protection.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Work in a well-ventilated area. Wear personal protective equipment. Avoid contact with heated material.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product.
Additional hazards when processed	:	Risk of thermal burns on contact with heated product. Spilled material may present a slipping hazard.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	:	Provide adequate ventilation.
Storage conditions	:	Store tightly closed in a dry, cool and well-ventilated place. Bulk storage does not require any special measure. Keep only in the original container in a cool, well ventilated place away from : Incompatible materials. Keep container closed when not in use.
Incompatible materials	:	Strong acids. Strong bases. Strong oxidizing agents.
Specific end uses	:	For further information see section 1.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection:
Insulating protective gloves. Impermeable protective gloves

Eye protection:
Wear chemical goggles if material is handled hot. No special eye protection equipment recommended under normal conditions of use

Skin and body protection:
When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection must be worn

Respiratory protection:
If excessive exposure exists, use only approved air-purifying or supplied air respirator operated in a positive pressure mode. Wear appropriate mask

Thermal hazard protection:

Wear chemical goggles if material is handled hot. Use insulated gloves, impervious apron, long sleeves and other protective clothing when handling this material hot. Approved respirator when exposed to vapours from heated material.

Other information:

Do not eat, drink or smoke during use.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear. Viscous.
Colour	:	Colourless
Odour	:	Characteristic
Odour threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available

Flash point	:	PIB06, PIB06 IBC, PIB06 TF, PIB06 TR : ≥125°C PIB08, PIB08 TF, PIB08 TR : ≥130°C PIB10, PIB10 IBC, PIB10 TF, PIB10 TR : ≥130°C PIB10B, PIB10B IBC, PIB10B TF: ≥130°C PIB12, PIB12 TF, PIB12 TR : ≥135°C PIB16, PIB16 IBC, PIB16 TF, PIB16 TR : ≥135°C PIB18, PIB18 TF, PIB18 TR: ≥150°C PIB20, PIB20 TF, PIB20 TR: ≥165°C PIB24, PIB24 TF, PIB24 TR: ≥190°C PIB24 A, PIB24 A TR: ≥190°C PIB28, PIB28 TF, PIB28 TR: ≥190°C PIB30, PIB30 TF, PIB30 TR: ≥190°C PIB32, PIB32 TF, PIB32 TR: ≥195°C PIB32 3M: ≥200°C PIB32DM: ≥220ºC PIB38: ≥190°C PIB80, PIB80 TF, PIB80 TR: ≥220º C PIB90 : ≥190°C PIB120, PIB120 TF, PIB120 TR: ≥220º C PIB121,PIB121 TR: ≥240°C PIB122, PIB122 TF, PIB122 TR: ≥235°C PIB126, PIB126 TF, PIB126 TR: ≥240°C PIB128, PIB128 TF, PIB128 TR: ≥240°C PIB128KL, PIB128KL TR: ≥240°C PIB240, PIB240 TF, PIB240 TR, PIB240KL TR: ≥245°C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	> 260 °C
Flammability (solid, gas)	:	Non flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	0,84 (PIB06) - 0,92 (PIB240) (water =1)
Solubility	:	Soluble in hydrocarbons. Water: ≤ 0.1 % Negligible in water
Partition coefficient n-octanol/water (Log Pow)	:	No data available

Viscosity, kinematic	:	PIB06, PIB06 IBC, PIB06 TF, PIB06 TR : 26 - 34 mm²/s (37.8°C) PIB08, PIB08 TF, PIB08 TR : 102 -110 mm²/s (37.8°C) PIB10, PIB10 IBC, PIB10 TF, PIB10 TR : 20 - 30 mm²/s (100°C) PIB10B, PIB10B IBC, PIB10B TF: 20 - 30 mm²/s (100°C) PIB12, PIB12 TF, PIB12 TR : 34 - 42 mm²/s (100°C) PIB16, PIB16 IBC, PIB16 TF, PIB16 TR : 46 - 52 mm²/s (100°C) PIB18, PIB18 TF, PIB18 TR: 65 - 80 mm²/s (100°C) PIB20, PIB20 TF, PIB20 TR: 100 - 120 mm²/s (100°C) PIB24, PIB24 TF, PIB24 TR: 200 - 240 mm²/s (100°C) PIB24 A, PIB24 A TR: 200 - 240 mm²/s (100°C) PIB28, PIB28 TF, PIB28 TR: 260 - 320 mm²/s (100°C) PIB30, PIB30 TF, PIB30 TR: 600 - 660 mm²/s (100°C) PIB32 3M : 610 - 720 mm²/s (100°C) PIB32, PIB32 TF, PIB32 TR: 640 - 720 mm²/s (100°C) PIB38: 750–870 mm²/s (100 °C) PIB80, PIB80 TF, PIB80 TR: 1450 – 1700 mm²/s (100ºC) PIB90 : 1900 - 2100 °C mm²/s (100°C) PIB120, PIB120 TF, PIB120 TR: 2300 - 2700 mm²/s (100°C) PIB121, PIB121 TR: 2900 - 3200 mm²/s (100°C) PIB122, PIB122 TF, PIB122 TR: 3000 - 3400 mm²/s (100°C) PIB126, PIB126 TF, PIB126 TR: 3900 – 4200 mm²/s (100°C) PIB128, PIB128 TF, PIB128 TR: 4000 – 4700 mm²/s (100°C) PIB128KL, PIB128KL TR: 4000 – 4700 mm²/s (100°C) PIB240, PIB240 TF, PIB240 TR, PIB240KL TR: 11000 – 14000 mm²/s (100°C)
Explosive limits	:	No data available
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	:	Strong acids. Strong oxidizing agents. Strong bases.
Hazardous decomposition products	:	Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases. fume.
Hardening time:	:	No additional information available

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	:	Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	:	Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitization	:	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	:	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	:	Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	:	Not classified (Based on available data, the classification criteria are not met)

Polyisobutene (PIB) (9003-27-4)	
Viscosity, kinematic	PIB06, PIB06 IBC, PIB06 TF, PIB06 TR : 26 - 34 mm²/s (37.8°C) PIB08, PIB08 TF, PIB08 TR : 102 -110 mm²/s (37.8°C) PIB10, PIB10 IBC, PIB10 TF, PIB10 TR : 20 - 30 mm²/s (100°C) PIB10B, PIB10B IBC, PIB10B TF: 20 - 30 mm²/s (100°C) PIB12, PIB12 TF, PIB12 TR : 34 - 42 mm²/s (100°C) PIB16, PIB16 IBC, PIB16 TF, PIB16 TR : 46 - 52 mm²/s (100°C) PIB18, PIB18 TF, PIB18 TR: 65 - 80 mm²/s (100°C) PIB20, PIB20 TF, PIB20 TR: 100 - 120 mm²/s (100°C) PIB24, PIB24 TF, PIB24 TR: 200 - 240 mm²/s (100°C) PIB24 A, PIB24 A TR: 200 - 240 mm²/s (100°C) PIB28, PIB28 TF, PIB28 TR: 260 - 320 mm²/s (100°C) PIB30, PIB30 TF, PIB30 TR: 600 - 660 mm²/s (100°C) PIB32 3M : 610 - 720 mm²/s (100°C) PIB32, PIB32 TF, PIB32 TR: 640 - 720 mm²/s (100°C) PIB38: 750–870 mm²/s (100 °C) PIB80, PIB80 TF, PIB80 TR: 1450 – 1700 mm²/s (100ºC) PIB90 : 1900 - 2100 °C mm²/s (100°C) PIB120, PIB120 TF, PIB120 TR: 2300 - 2700 mm²/s (100°C) PIB121, PIB121 TR: 2900 - 3200 mm²/s (100°C) PIB122, PIB122 TF, PIB122 TR: 3000 - 3400 mm²/s (100°C) PIB126, PIB126 TF, PIB126 TR: 3900 – 4200 mm²/s (100°C) PIB128, PIB128 TF, PIB128 TR: 4000 – 4700 mm²/s (100°C) PIB128KL, PIB128KL TR: 4000 – 4700 mm²/s (100°C) PIB240, PIB240 TF, PIB240 TR, PIB240KL TR: 11000 – 14000 mm²/s (100°C)

Symptoms/effects : Thermal hazards.

Symptoms/effects after inhalation : Overexposure to vapours may result in cough.

Symptoms/effects after skin contact : Thermal hazards : Causes burns.

Symptoms/effects after eye contact : Thermal hazards : Causes burns.

Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12 Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short–term (acute) : Not a WHMIS 2022 hazard endpoint

Hazardous to the aquatic environment, long–term (chronic) : Not a WHMIS 2022 hazard endpoint

12.2. Persistence and degradability

Polyisobutene (PIB) (9003-27-4)	
Persistence and degradability	No additional information available.

12.3. Bioaccumulative potential

Polyisobutene (PIB) (9003-27-4)	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not a WHMIS 2022 hazard endpoint

Other information : Avoid release to the environment.

Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

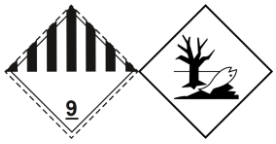
Regional legislation (waste) : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Consult an expert on waste disposal or treatment. Dispose of in a safe manner in accordance with local/national regulations.

Ecological waste information : Avoid release to the environment.

SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN Number			
UN3257	UN3257	3257	3257
14.2. UN Proper Shipping Name			
ELEVATED TEMPERATURE LIQUID, N.O.S. (Polyisobutylene)	Elevated temperature liquid, n.o.s. (Polyisobutylene)	ELEVATED TEMPERATURE LIQUID, N.O.S. (Polyisobutylene)	Elevated temperature liquid, n.o.s. (Polyisobutylene)
14.3. Transport hazard class(es)			
9	9	9	9
			
14.4. Packing group, if applicable			
III	III	III	III
14.5. Environmental hazards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes, when transported at elevated temperature (=> 100°C)	Dangerous for the environment: Yes
Transport at temperature below 100ºC: Not regulated for all modes of transport			

14.6. Special precautions for user

Special transport precautions : The information about transport regulations as supplied herein does not cover all technical and operational requirements and, therefore, can not be considered exhaustive. Please check out the guidelines from the regulations of the National Road and Rail organization, International Maritime Organisation (IMO) and the International Air Transport Association (IATA) before transporting the product. The transporting company is responsible for compliance with the laws, regulations and other rules as may apply to the transport of the material.

TDG

UN-No. (TDG) : UN3257

TDG Special Provisions	:	16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.
Explosive Limit and Limited Quantity Index	:	0
Excepted quantities (TDG)	:	E0
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	:	Forbidden
Emergency Response Guide (ERG) Number	:	128

DOT

UN-No. (DOT)	:	UN3257
DOT Special Provisions (49 CFR 172.102)	:	IB1 - Authorized IBCs: Metal (31A, 31B and 31N). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T3 - 2.65 178.274(d)(2) Normal..... 178.275(d)(2) TP3 - The maximum degree of filling (in %) for solids transported above their melting points and for elevated temperature liquids shall be determined by the following: Degree of filling = 95 * (dr / df) Where: df and dr are the mean densities of the liquid at the mean temperature of the liquid during filling and the maximum mean bulk temperature during transport respectively. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Bulk (49 CFR 173.xxx)	:	247
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	Forbidden
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	Forbidden
DOT Vessel Stowage Location	:	A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	:	85 - Under deck stowage must be in mechanically ventilated space

IMDG

Special provisions (IMDG)	:	232, 274
Limited quantities (IMDG)	:	0
Excepted quantities (IMDG)	:	E0
Packing instructions (IMDG)	:	P099
IBC packing instructions (IMDG)	:	IBC01
Tank instructions (IMDG)	:	T3
Tank special provisions (IMDG)	:	TP3, TP29
EmS-No. (Fire)	:	F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE

EmS-No. (Spillage)	:	S-P - SPILLAGE SCHEDULE Papa - SUBSTANCES DANGEROUS WHEN WET (COLLECTABLE ARTICLES)
Stowage category (IMDG)	:	A
Stowage and handling (IMDG)	:	SW5
Flash point (IMDG)	:	above 100°C
Properties and observations (IMDG)	:	Any liquid which is transported at or above 100°C but below its flashpoint. May cause fire if in contact with combustible material due to extreme temperature.

IATA

PCA Limited quantities (IATA)	:	Forbidden
PCA limited quantity max net quantity (IATA)	:	Forbidden
PCA packing instructions (IATA)	:	Forbidden
PCA max net quantity (IATA)	:	Forbidden
CAO packing instructions (IATA)	:	Forbidden
CAO max net quantity (IATA)	:	Forbidden
ERG code (IATA)	:	9L

14.7. Transport in bulk according to Annex II of MARPOL 73/78[9] and the IBC Code[10]

IBC product name : Poly(4+)isobutylene.

SECTION 15 Regulatory information

Polyisobutene (PIB) (9003-27-4)

Listed on the Canadian DSL (Domestic Substances List)

Polyisobutene (PIB) (9003-27-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16 Other Information

Issue date	:	7 June 2019
Revision date	:	15 April 2026
Supersedes	:	19 February 2024

Other information : None.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.