

### SECTION 1: Identification

#### 1.1. Identification

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, 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
Formula	: (C4H8) <sub>x</sub>
Synonyms	: POLYISOBUTENE / Poly(4+) isobutylene / Polyisobutene / 1-Propene, 2-methyl-, homopolymer

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture	: Use as an intermediate Formulation & (re)packing of substances and mixtures coatings Adhesives Agrochemicals Fuels Lubricants and additives Laboratory chemicals Functional fluids Consumer use Metal Working Fluids Cosmetics, personal care products
Recommended use	: Industrial use resulting in manufacture of another substance (use of intermediates)

#### 1.3. Supplier

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

#### 1.4. Emergency telephone number

Emergency number	: CHEMTREC: +1-703-527-3887 (INTERNATIONAL) 1-800-424-9300 (NORTH AMERICA)
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### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

No labeling applicable

#### 2.3. Other hazards which do not result in classification

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

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

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### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Name	Product identifier	%	GHS US classification
Polyisobutylene (Main constituent)	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 first aid measures

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).

First-aid measures after inhalation : Remove victim to fresh air. If breathing stops, give artificial respiration. Get medical advice/attention. Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : In case of contact with cold material: Wash skin with plenty of water and soap. In case of contact with hot material: Rinse immediately with plenty of water for 15 minutes. Seek immediate medical advice. Obtain medical attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : In case of contact with cold material: Rinse immediately with plenty of water. In case of contact with hot material: Rinse immediately with plenty of water for 15 minutes. Get medical advice/attention. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

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.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

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

Symptoms/effects after skin contact : Heated product causes burns.

Symptoms/effects after eye contact : Heated product causes burns.

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

#### 4.3. Immediate medical attention and special treatment, if necessary

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 (and unsuitable) extinguishing media

Suitable extinguishing media : carbon dioxide (CO<sub>2</sub>), 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.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Cool closed containers exposed to fire with water spray. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

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Protection during firefighting	: 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". Do not enter fire area without proper protective equipment, including respiratory 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

##### 6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Stop leak if safe to do so. Stay upwind/keep distance from source. Clean up even minor leaks or spills if possible without unnecessary risk. Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment	: Wear suitable protective clothing. For further information refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper protection.
Emergency procedures	: Stop leaks if it can be done without personal risk. Stay upwind/keep distance from source. Clean up any spills as soon as possible, using an absorbent material to collect it. Collect all waste in suitable and labeled containers and dispose according to local legislation. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Ventilate area.

#### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Do not discharge into drains or the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material 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 labeled containers and dispose according to local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13: "Disposal considerations". See Heading 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. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
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.

#### 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 : Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Strong acids. Strong oxidizing agents. Sources of ignition. Direct sunlight.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Polyisobutene (PIB) (9003-27-4)

No additional information available

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### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure adequate ventilation. Either local exhaust or general room ventilation is usually required. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Insulating protective gloves. Impermeable protective gloves. Wear protective gloves.

#### Eye protection:

Wear chemical goggles if material is handled hot. No special eye protection equipment recommended under normal conditions of use. Chemical goggles or safety glasses

#### 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

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear. Viscous.
Color	: Colorless
Odor	: characteristic
Odor threshold	: No data available
pH	: Not applicable
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available

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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: 190°C PIB32 3M: 200°C PIB32DM: >=220°C PIB80, PIB80 TF, PIB80 TR: 220°C PIB90 : > 190°C PIB120, PIB120 TF, PIB120 TR: 220°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
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: Non flammable.
Vapor pressure	: No data available
Relative vapor 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
Auto-ignition temperature	: No data available
Decomposition temperature	: > 260 °C
Viscosity, kinematic	: PIB06, PIB06 IBC, PIB06 TF, PIB06 TR : 26 - 34 mm <sup>2</sup> /s (37.8°C) PIB08, PIB08 TF, PIB08 TR : 102 -110 mm <sup>2</sup> /s (37.8°C) PIB10, PIB10 IBC, PIB10 TF, PIB10 TR : 20 - 30 mm <sup>2</sup> /s (100°C) PIB10B, PIB10B IBC, PIB10B TF: 20 - 30 mm <sup>2</sup> /s (100°C) PIB12, PIB12 TF, PIB12 TR : 34 - 42 mm <sup>2</sup> /s (100°C) PIB16, PIB16 IBC, PIB16 TF, PIB16 TR : 46 - 52 mm <sup>2</sup> /s (100°C) PIB18, PIB18 TF, PIB18 TR: 65 - 80 mm <sup>2</sup> /s (100°C) PIB20, PIB20 TF, PIB20 TR: 100 - 120 mm <sup>2</sup> /s (100°C) PIB24, PIB24 TF, PIB24 TR: 200 - 240 mm <sup>2</sup> /s (100°C) PIB24 A, PIB24 A TR: 200 - 240 mm <sup>2</sup> /s (100°C) PIB28, PIB28 TF, PIB28 TR: 260 - 320 mm <sup>2</sup> /s (100°C) PIB30, PIB30 TF, PIB30 TR: 600 - 650 mm <sup>2</sup> /s (100°C) PIB32 3M : 610 - 720 mm <sup>2</sup> /s (100°C) PIB32, PIB32DM, PIB32 TF, PIB32 TR: 640 - 720 mm <sup>2</sup> /s (100°C) PIB80, PIB80 TF, PIB80 TR: 1450 – 1700 mm <sup>2</sup> /s (100°C) PIB90 : 1900 - 2100 °C mm <sup>2</sup> /s (100°C) PIB120, PIB120 TF, PIB120 TR: 2300 - 2700 mm <sup>2</sup> /s (100°C) PIB121, PIB121 TR: 2900 - 3200 mm <sup>2</sup> /s (100°C) PIB122, PIB122 TF, PIB122 TR: 3000 - 3400 mm <sup>2</sup> /s (100°C) PIB126, PIB126 TF, PIB126 TR: 3900 – 4200 mm <sup>2</sup> /s (100°C) PIB128, PIB128 TF, PIB128 TR: 4000 – 4700 mm <sup>2</sup> /s (100°C) PIB128KL, PIB128KL TR: 4000 – 4700 mm <sup>2</sup> /s (100°C) PIB240, PIB240 TF, PIB240 TR, PIB240KL TR: 11000 – 14000 mm <sup>2</sup> /s (100°C)
Viscosity, dynamic	: No data available

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Explosion limits : No data available  
Explosive properties : No data available  
Oxidizing properties : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7. Not established.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known. Hazardous polymerization will not occur. Not established.

### 10.4. Conditions to avoid

Extremely high temperatures. Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong oxidizing agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases. fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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)  
pH: Not applicable  
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: Not applicable  
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)  
Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.  
Symptoms/effects after inhalation : Overexposure to vapors may result in cough.  
Symptoms/effects after skin contact : Heated product causes burns.  
Symptoms/effects after eye contact : Heated product 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

No additional information available

### 12.2. Persistence and degradability

Polyisobutene (PIB) (9003-27-4)	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

No additional information available

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### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

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 in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
3257	UN3257	3257	3257
<b>14.2. Proper Shipping Name</b>			
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)
<b>14.3. Transport hazard class(es)</b>			
9	9	9	9
<b>14.4. Packing group</b>			
III	III	III	Not applicable
<b>14.5. Environmental hazards</b>			
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 100°C: 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.

### DOT

UN-No.(DOT) : UN3257

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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
<b>TDG</b>	
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 hazard or hazards 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) of Part 3 (Documentation). 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) of Part 4 (Dangerous Goods Safety Marks). (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
<b>IMDG</b>	
Special provision (IMDG)	: 232, 274
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



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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 Excepted quantities (IATA) : E0  
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 and the IBC Code

Product Name: POLY(+4)ISOBUTYLENE

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### Polyisobutene (PIB) (9003-27-4)

Listed on the NCI (Vietnam - National Chemical Inventory)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

according to US HazCom 2012

Revision date : 25 May 2023  
Other information : None.

Braskem - SDS\_US\_GHS\_HazCom\_2012 (modified 211028)

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. It warns that the handling of any chemical substance requires the previous knowledge of its hazards for the user. It is up to the user of the product company providing this SDS to and promote the training of its employees about possible risks come upon of the product. The information contained herein is not absolute, but only general information on the use of the chemical and indication of safety and security measures.