SOLTEX PB32

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Revision Date: 11/26/2025 Supersedes: 01/26/2023 Version: 3.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Substance

Product Name: SOLTEX PB32

1.2. Intended Use of the Product No use is specified

1.3. Name, Address, and Telephone of the Responsible Party

Company

Soltex, Inc. (Synthetic Oils & Lubricants of Texas)
4 Waterway Square Place, Suite 275
The Woodlands, TX 77380
(281) 587-0900
soltexinc.com

1.4. Emergency Telephone Number

Emergency Number : (800)-424-9300 (CHEMTREC); (281)-587-0900 (Other Safety Information)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification

Not classified

2.2. Label Elements

GHS-US/CA Labeling

No labeling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

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

2.5. Unknown Acute Toxicity

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name : SOLTEX PB6, PB8, PB10, PB12, PB16, PB18, PB20, PB24, PB32, PB120, PB122, PB124, PB128

Name	Product Identifier	% *	GHS US Classification
Polyisobutylene (Polyisobutene)	(CAS-No.) 9003-27-4	100	Not classified

Full text of H-phrases: see section 16

3.2. Mixture

Not applicable

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of necessary 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). Burns should be treated by doctor.

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.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: Thermal hazards.
Symptoms/effects after inhalation	: Overexposure to vapors 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 (and unsuitable) 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 CO_2).

5.3. Special protective equipment and precautions 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 environment.
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".
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.

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.

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. Ventilate area.
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 labeled containers and dispose according to local legislation. Collect spillage.
Other information	: Dispose 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 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. Wear personal protective equipment. Avoid contact with heated material.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Wash hands and otherexposed 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 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

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 vapors 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 colorless, or pale yellow, tacky semi-solid/liquid resin or rubberlike
Odor	:	Mild, Hydrocarbon
Odor Threshold	:	Not available
pH	:	Not available
Evaporation Rate	:	Not available
Melting Point	:	Not available
Freezing Point	:	Not available
Boiling Point	:	Not available
Flash Point	:	>200°C (392°F)
Auto-ignition Temperature	:	Decomposes
Decomposition Temperature	:	Not available
Flammability (solid, gas)	:	Not available

Lower Flammable Limit	:	Not available
Upper Flammable Limit	:	Not available
Vapor Pressure	:	Not available
Relative Vapor Density at 20°C	:	Not available
Relative Density	:	Not available
Specific Gravity	:	0.90
Solubility	:	Insoluble.
Partition Coefficient: N-Octanol/Water	:	Not available
Viscosity	:	Not available
Viscosity, Kinematic	:	595-685 cSt @100°C(212°F)
Explosion 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

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong oxidizing agents. Strong bases.

10.6. Hazardous decomposition products

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

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)
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)
Symptoms/effects	: Thermal hazards.
Symptoms/effects after inhalation	: Overexposure to vapors 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. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute)	: Not a OSHA HazCom 2024 hazard endpoint
Hazardous to the aquatic environment, long–term (chronic)	: Not a OSHA HazCom 2024 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

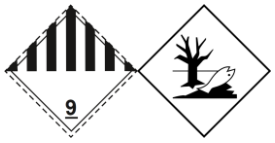
Ozone	: Not a OSHA HazCom 2024 hazard endpoint
Fluorinated greenhouse gases	: No
Other information	: Avoid release to the environment.

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 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 DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
UN3257	UN3257	3257	3257
14.2. 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			
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. Transport in bulk

IBC product name : Poly(4+)isobutylene.

14.7. 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

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

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

IMDG

Special provision (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 200°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	: Forbidden
(IATA) 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

SECTION 15: REGULATORY INFORMATION

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Polyisobutylene	9003-27-4	Present	Active	XU

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

No additional information available

15.3. State regulations

Contact supplier for regulatory information.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

according to US HazCom 2024

Revision Date : 11/26/2025

Version # : 3.0

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

Party Responsible for the Preparation of This Document

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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.

NA GHS SDS 2015 (Can, US, Mex)