



SOLTEX POLYBUTENES; PB6, PB8, PB10, PB12, PB16, PB18, PB20, PB24, PB24(Kosher), PB32, PB32(Kosher), PB120CPB122, PB124, PB128

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: 08/24/2016

Date of issue: 08/24/2016

Version: 1.5

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Substance

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

Intended Use of the Product No use is specified.

Name, Address, and Telephone of the Responsible Party

Company

Soltex, Inc. (Synthetic Oils & Lubricants of Texas)

3707 FM 1960 W Ste. 560

Houston, TX 77068

(281)-587-0900

soltexinc.com

Emergency Telephone Number

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

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture GHS-US/CA

Classification : Not Classified.

Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) : No labeling applicable.

Signal Word (GHS-US/CA) : No signal word.

Hazard Statements (GHS-US/CA) : No known significant effects or critical hazards.

Precautionary Statements (GHS-US/CA) : Keep out of reach of children. Read label before use.

Wear protective gloves, protective clothing, face protection, and eye protection.
If on skin: wash with soap and water. Remove contaminated clothing. If medical advice is needed, have product container or label at hand.
Store in a well ventilated area. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Name : SOLTEX POLYBUTENES; PB6, PB8, PB10, PB12, PB16, PB18, PB20, PB24, PB24(Kosher), PB32, PB32(Kosher), PB120C, PB122, PB124, PB128

Name	Product Identifier	% *	GHS Ingredient Classification
Butene, homopolymer	(CAS No) 9003-29-6	100	Not Classified

*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%).

SOLTEX POLYBUTENES; PB6, PB8, PB10, PB12, PB16, PB18, PB20, PB24, PB24(Kosher), PB32, PB32(Kosher), PB120C, PB122, PB124, PB128

Safety Data Sheet

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SECTION 4: FIRST AID MEASURES

Description of 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).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes skin irritation. Removal of solidified molten material from skin requires medical assistance.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. Contact with hot, molten metal will cause thermal burns. Removal of solidified molten material from skin requires medical assistance.

Eye Contact: May cause slight irritation to eyes. Risk of thermal burns on contact with molten product.

Ingestion: Ingestion is likely to be harmful or have adverse effects. Contact with hot liquid may cause thermal burns.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide and light organic oxidation products. Thermal decomposition in absence of air releases mainly saturated and unsaturated hydrocarbons.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing (vapor, mist, spray). Avoid all contact with skin, eyes, or clothing.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

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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).

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Stable under conditions of standard temperature and pressure. Air oxidation increases rapidly at temperatures above 250°C (482°F). The rate of oxidation also increases as the polymer chain length increases. Light and/or heat increase the rate of decomposition.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Specific End Use(s)

No use is specified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State : Liquid

SOLTEX POLYBUTENES; PB6, PB8, PB10, PB12, PB16, PB18, PB20, PB24, PB24(Kosher), PB32 PB32(Kosher), PB120C, PB122, PB124, PB128

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).

Appearance	: Clear colorless, or pale yellow, tacky semi-solid/liquid resin or rubberlike
Odor	: Mild, Hydrocarbon
Color, D1500	: Not available
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	: >110°C (>230°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	: < 0.001 kPa (0.01 mm Hg)
Relative Vapor Density at 20°C	: Not available
Relative Density	: Not available
Specific Gravity	: 0.83-0.92
Solubility	: Insoluble
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: 4.5-4900 cSt @ 100°C (212 °F)

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation.

Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

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Safety Data Sheet

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Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. Contact with hot, molten metal will cause thermal burns. Removal of solidified molten material from skin requires medical assistance.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes. Risk of thermal burns on contact with molten product.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects. Contact with hot liquid may cause thermal burns.

Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Butene, homopolymer (9003-29-6)	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
LC50 Inhalation Rat	> 4185 ppm/4h

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Not classified.

Persistence and Degradability

SOLTEX POLYBUTENES; PB6, PB8, PB10, PB12, PB16, PB18, PB20, PB24, PB24(Kosher), PB32, PB32(Kosher), PB120C, PB122, PB124, PB128	
Persistence and Degradability	Not established.

Bioaccumulative Potential

SOLTEX POLYBUTENES; PB6, PB8, PB10, PB12, PB16, PB18, PB20, PB24, PB24(Kosher), PB32, PB32(Kosher), PB120C, PB122, PB124, PB128	
Bioaccumulative Potential	Not established.

Mobility in Soil

Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

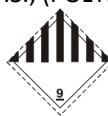
Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Proper Shipping Name : ELEVATED TEMPERATURE LIQUID, N.O.S., (POLYBUTENES)
Hazard Class : 9
Identification Number : UN3257
Label Codes : 9
Packing Group : III
ERG Number : 128



In Accordance with IMDG

Proper Shipping Name : ELEVATED TEMPERATURE LIQUID, N.O.S., (POLYBUTENES)
Hazard Class : 9



Identification Number : UN3257

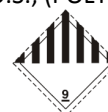
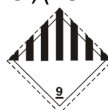
Label Codes : 9
Packing Group : III
EmS-No. (Fire) : F-A

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Safety Data Sheet

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EmS-No. (Spillage)	: S-P
In Accordance with IATA	
Proper Shipping Name	: ELEVATED TEMPERATURE LIQUID, N.O.S., (POLYBUTENES)
Hazard Class	: 9
Identification Number	: UN3257
Label Codes	: 9
ERG Code (IATA)	: 9L
In Accordance with TDG	
Proper Shipping Name	: ELEVATED TEMPERATURE LIQUID, N.O.S., (POLYBUTENES)
Hazard Class	: 9
Identification Number	: UN3257
Label Codes	: 9
Packing Group	: III
Remarks	: When this material is shipped at temperature <100°C (<212°F) this material is NOT regulated for transport.



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SOLTEX POLYBUTENES; PB6, PB8, PB10, PB12, PB16, PB18, PB20, PB24, PB24(Kosher), PB32, PB32(Kosher), PB120C, PB122, PB124, PB128

SARA Section 311/312 Hazard Classes

Immediate (acute) health hazard

Butene, homopolymer (9003-29-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

Neither this product nor its chemical components appear on any US state lists.

Canadian Regulations

Butene, homopolymer (9003-29-6)

Listed on the Canadian DSL (Domestic Substances List)

International Regulations

Butene, homopolymer (9003-29-6)

Listed on the EU NLP (No Longer Polymers) inventory
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Canadian DSL (Domestic Substances List)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on TCSI (Taiwan Chemical Substance Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican national Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

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

Revision Date : 08/24/2016

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).

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.