



# SAFETY DATA SHEET

US GHS

Revision Date 08-May-2015

Version 3

Issue Date No data available

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** SB2108

**Safety data sheet number** G4311B

**Alternate Name** None

**Recommended Use** Production of tires and other rubber products.

**Company Name** The Goodyear Tire & Rubber Company, 200 Innovation Way, Akron, Ohio 44316-0001  
U.S.A.  
Goodyear Canada Inc. 450 Kipling Ave. Etobicoke, Ontario M8Z 5E1 Canada

**Company Phone Number** Technical Assistance 1.330.796.1906

**24 Hour Emergency Phone Number** Goodyear / 24 hour Assistance 1.330.796.5111

**Emergency Telephone** Chemtrec (USA) 1.800.424.9300  
Canutec (Canada) 1.613-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Label elements

#### **Emergency Overview**

#### **Signal word**

None

#### **Hazard statements**

None

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** white

**Odor** No information available

**Physical state** Liquid

### Precautionary statements

#### **Prevention**

None required

#### **Hazards not otherwise classified (HNOC)**

Not applicable

#### **Other hazards**

0% of the mixture consists of ingredient(s) of unknown toxicity

No information available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	50-65
STYRENE-BUTADIENE COPOLYMER	9003-55-8	35-50

#### 4. FIRST AID MEASURES

##### First aid measures

<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash with soap and water. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors.
<b>Ingestion</b>	Not an expected route of exposure. Clean mouth with water and drink afterwards plenty of water. Drink plenty of water.

##### Indication of any immediate medical attention and special treatment needed

**Symptoms** None known

##### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None.

##### Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Hazardous combustion products** Carbon oxides. Nitrogen oxides (NOx).

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

##### Environmental precautions

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

##### Methods and material for containment and cleaning up

<b>Methods for containment</b>	Dike far ahead of liquid spill for later disposal.
<b>Methods for cleaning up</b>	Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

**Incompatible materials** None.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

### Appropriate engineering controls

**Engineering Controls** Showers. Eyewash stations. Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations** Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	No information available
<b>Appearance</b>	white		
<b>Odor threshold</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not applicable	
<b>Melting point/freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	Not applicable	None known
<b>Flash point</b>		None known
<b>Evaporation rate</b>	Not applicable	None known
<b>Flammability (solid, gas)</b>	No data available	None known
None known		None known
<b>Vapor pressure</b>	Not applicable	None known
<b>Vapor density</b>	Not applicable	None known
<b>Specific Gravity</b>	No data available	None known
<b>Water solubility</b>	No data available	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known

**Other Information**

Softening point	No data available
Molecular weight	Not applicable
VOC Content (%)	No data available
Density	No information available
Bulk density	No information available

## 10. STABILITY AND REACTIVITY

**Reactivity**

Stable under normal conditions

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

None known.

**Incompatible materials**

None.

**Hazardous Decomposition Products**

Carbon oxides. Nitrogen oxides (NOx).

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	May cause slight irritation.
<b>Skin Contact</b>	May cause irritation.
<b>Ingestion</b>	Ingestion may cause irritation to mucous membranes.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-

**Information on toxicological effects**

**Symptoms** None known.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Mild skin irritation.
<b>Serious eye damage/eye irritation</b>	None known.
<b>Irritation</b>	No information available.
<b>Sensitization</b>	None known.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA
STYRENE-BUTADIENE COLPOLYMER 9003-55-8		Group 3		

*IARC (International Agency for Research on Cancer)  
Group 3 - Not classified*

**Reproductive toxicity** No information available.  
**STOT - single exposure** None under normal use conditions.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** Not applicable.

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**Persistence and degradability**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261)

**Contaminated packaging** Do not reuse container.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

Component	TSCA	DSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Water 7732-18-5 ( 50-65 )	X	X	Present			X	Present	X	X
STYRENE-BUTADIENE COLPOLYMER 9003-55-8 ( 35-50 )	X	X	X		Present	X	Present	X	X

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
1,3-Butadiene - 106-99-0	Carcinogen Developmental Female Reproductive

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

**International Regulations****Mexico - Grade**

No information available

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

**WHMIS Hazard Class**

Non-controlled

<b>16. OTHER INFORMATION</b>
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<u>NFPA</u>	Health hazards 0	Flammability 1	Stability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 0	Flammability 1	Physical hazards 0	Personal protection -

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**Disclaimer**  
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**