



Revision Date: 04/06/2017

Version 4.0

## SAFETY DATA SHEET

### SBR 1009, SBR 1009AF

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

|                          |                            |   |
|--------------------------|----------------------------|---|
| Product Name             | SBR 1009, SBR 1009AF       |   |
| Lion Elastomers          | Customer Service Number    | 1-800-535-9960                            |
| P.O. Box 667             | Email                      | <i>Customerservice@lionelastomers.com</i> |
| Port Neches, Texas 77651 | Emergency telephone number | CHEMTREC 1-703-527-3887                   |

#### 2. HAZARDS IDENTIFICATION

##### **Emergency Overview**

Appearance: Solid bale, amber

WARNING! NOTICE: WHILE THIS MATERIAL HAS A LOW LEVEL OF TOXICITY, GOOD INDUSTRIAL HYGIENE PRACTICES ARE ENCOURAGED TO MINIMIZE EXPOSURE.

##### **Potential Health Effects**

###### **Exposure routes**

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

###### **Eye contact**

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

###### **Skin contact**

Unlikely to cause skin irritation or injury.

###### **Ingestion**

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

###### **Inhalation**

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

###### **Aggravated Medical Condition**

No data.



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#### Symptoms

No symptoms known or expected.

#### Target Organs

No data.

#### Carcinogenicity

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

#### Reproductive hazard

No data.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Substance                                   | CAS RN     | Weight% |
|---|------------|---------|
| Styrene-butadiene-divinylbenzene terpolymer | 26471-45-4 | >90%    |

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

### 4. FIRST AID MEASURES

#### Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

#### Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse. First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

#### Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

#### Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.



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#### Notes to physician

**Hazards:** No information available.

**Treatment:** No hazards which require special first aid measures.

#### 5. FIREFIGHTING MEASURES

##### Suitable extinguishing media

Dry chemical, Carbon dioxide (CO<sub>2</sub>), Water spray

##### Hazardous combustion products

carbon dioxide and carbon monoxide

##### Precautions for fire-fighting

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

##### NFPA Flammable and Combustible Liquids Classification

Not applicable

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

##### Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

##### Methods for cleaning up

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

##### Other information

Comply with all applicable federal, state, and local regulations.

#### 7. HANDLING AND STORAGE

##### Handling



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Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

#### Storage

Store in original container, Store in cool place, Keep away from direct sunlight. Keep at temperatures between 0 and 60°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

Contains no substances with occupational exposure limit values.

#### General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure

potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

#### Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

#### Eye protection

Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

#### Skin and body protection

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

Wear resistant gloves (consult your safety equipment supplier).

#### Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES



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|                       |                               |
|-----------------------|-------------------------------|
| <b>Physical state</b> | solid                         |
| <b>Form</b>           | bale                          |
| <b>Colour</b>         | amber                         |
| <b>Odour</b>          | characteristic                |
| <b>Flash point</b>    | Not applicable                |
| <b>Density</b>        | 0.91 - 0.96 g/cm <sup>3</sup> |

#### 10. STABILITY AND REACTIVITY

**Stability**

Stable.

**Conditions to avoid**

excessive heat

**Incompatible products**

Oxidizing agents

**Hazardous decomposition products**

carbon dioxide and carbon monoxide

**Hazardous reactions**

Product will not undergo hazardous polymerization.

#### 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation  
Skin absorption  
Skin contact  
Eye Contact  
Ingestion

**Product**

Acute oral toxicity : No data available

Acute inhalation toxicity : No data available



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Acute dermal toxicity : No data available

Skin corrosion/irritation : No data available

Serious eye damage/eye irritation : No data available

Respiratory or skin sensitisation : No data available

Aspiration toxicity : No aspiration toxicity classification

**Components:**

No data available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Product:**

No data available

**Components:**

No data available

**Persistence and degradability**

**Product:**

No data available

**Components:**

No data available

**Bioaccumulative potential**

**Product:**

No data available

**Components:**

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No data available

#### Mobility in soil

##### Product:

No data available

##### Components:

No data available

#### 13. DISPOSAL CONSIDERATIONS

##### Waste disposal methods

Dispose of in accordance with all applicable local, state and federal regulations.

#### 14. TRANSPORT INFORMATION

##### REGULATION

| ID NUMBER | PROPER SHIPPING NAME | *HAZARD CLASS | SUBSIDIARY HAZARDS | PACKING GROUP | MARINE POLLUTANT / LTD. QTY. |
|-----------|----------------------|---------------|--------------------|---------------|------------------------------|
|           |                      |               |                    |               |                              |

##### U.S. DOT - ROAD

Not dangerous goods

##### U.S. DOT - RAIL

Not dangerous goods

##### U.S. DOT - INLAND WATERWAYS

Not dangerous goods

##### TRANSPORT CANADA - ROAD

Not dangerous goods

##### TRANSPORT CANADA - RAIL

Not dangerous goods



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#### TRANSPORT CANADA - INLAND WATERWAYS

Not dangerous goods

#### INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

#### INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

#### INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

#### MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

Not dangerous goods

**\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

#### 15. REGULATORY INFORMATION

##### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

##### SARA Hazard Classification

##### SARA 311/312 Classification

No SARA Hazards

##### SARA 313 Component(s)

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.





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#### Notification status

|   |                      |
|---|----------------------|
| US. Toxic Substances Control Act  | y (positive listing) |
| Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133) | y (positive listing) |
| Australia. Industrial Chemical (Notification and Assessment) Act  | y (positive listing) |
| Japan. ENCS - Existing and New Chemical Substances Inventory  | y (positive listing) |
| Korea. Toxic Chemical Control Law (TCCL) List   | y (positive listing) |
| Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act                                       | y (positive listing) |
| China. Inventory of Existing Chemical Substances  | y (positive listing) |

|                  | HMIS | NFPA |
|------------------|------|------|
| Health           | 1    | 1    |
| Flammability     | 1    | 1    |
| Physical hazards | 0    |      |
| Instability      |      | 0    |
| Specific Hazard  | --   | --   |

#### 16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists

BEI : Biological Exposure Index

CAS : Chemical Abstracts Service (Division of the American Chemical Society).

CMR : Carcinogenic, Mutagenic or Toxic for Reproduction

FG : Food grade

GHS : Globally Harmonized System of Classification and Labeling of Chemicals.

H-statement : Hazard Statement

IATA : International Air Transport Association.

IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO : International Civil Aviation Organization

ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"

IMDG : International Maritime Code for Dangerous Goods

ISO : International Organization for Standardization

logPow : octanol-water partition coefficient

LCxx : Lethal Concentration, for xx percent of test population



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LDxx : Lethal Dose, for xx percent of test population.  
ICxx : Inhibitory Concentration for xx of a substance  
Ecxx : Effective Concentration of xx  
N.O.S.: Not Otherwise Specified  
OECD : Organization for Economic Co-operation and Development  
OEL : Occupational Exposure Limit  
P-Statement : Precautionary Statement  
PBT : Persistent , Bioaccumulative and Toxic  
PPE : Personal Protective Equipment  
STEL : Short-term exposure limit  
STOT : Specific Target Organ Toxicity  
TLV : Threshold Limit Value  
TWA : Time-weighted average  
vPvB : Very Persistent and Very Bioaccumulative  
WEL : Workplace Exposure Level

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act  
DOT : Department of Transportation  
FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act  
HMIRC : Hazardous Materials Information Review Commission  
HMIS : Hazardous Materials Identification System  
NFPA : National Fire Protection Association  
NIOSH : National Institute for Occupational Safety and Health  
OSHA : Occupational Safety and Health Administration  
PMRA : Health Canada Pest Management Regulatory Agency  
RTK : Right to Know  
WHMIS : Workplace Hazardous Materials Information System