



# Recycled Black Rubber

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

\* Date of issue: 21 June 2017      Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Substance  
Trade name : Recycled Ground Rubber

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

Recommended uses and restrictions : Processed for surface amendments

#### 1.3. Supplier

E.W. Industries Ltd.  
P.O. Box 336  
Imperial, SK. S0G 2J0  
Canada  
[www.RubberStone.ca](http://www.RubberStone.ca)

#### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300 (CHEMTREC) - Canada, USA & Australia

### SECTION 2: Hazard identification

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

##### Classification (GHS-CA)

Not classified

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

##### GHS-CA labelling

No labelling applicable

#### 2.3. Other hazards not contributing to the classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS-CA)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Name : Recycled Ground Rubber

Name	Product identifier	%	Classification (GHS-CA)
Styrene-butadiene copolymer	(CAS-No.) 9003-55-8	60 - 100	Not classified

\*This material may also contain: Naphthenic /aromatic extender oil, Carbon black, Talc, Zinc oxide, and Sulphur.

#### 3.2. Mixtures

Not applicable

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove victim from exposure if affected.  
First-aid measures after skin contact : Rinse with plenty of water if irritation develops. Get medical advice/attention if you feel unwell.  
First-aid measures after eye contact : Rinse with plenty of water to remove particulate matter. Get medical advice/attention if you feel unwell.  
First-aid measures after ingestion : Rinse mouth. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.  
Symptoms/effects after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.  
Symptoms/effects after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.  
Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.  
Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

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

Note to physician : : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.3. Specific hazards arising from the hazardous product

Fire hazard : Minimal fire hazard. Hazardous decomposition products: Carbon monoxide, carbon dioxide, 1,3-butadiene, styrene monomer, hydrogen, hydrogen sulphide, pentadiene, benzene, xylene, carbon, ash, oxides of sulphur and nitrogen, zinc oxide, and numerous unidentified organic compounds.

Explosion hazard : None known.

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

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

No additional information available

### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust.

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation in process area.

Hygiene measures : Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : 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 oxidizing agents.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate ventilation.

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

#### Hand protection:

Not required for normal conditions of use

#### Eye protection:

Not required for normal conditions of use

#### Skin and body protection:

Not required for normal conditions of use

#### Respiratory protection:

Not required for normal conditions of use

#### Other information:

Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: Ground rubber crumb.
Colour	: Black
Odour	: Characteristic
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: 370 - 450 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative density	: No data available
Density	: 0.95 - 1.4 (water = 1)
Solubility	: insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity	: None under normal conditions.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Hazardous polymerization will not occur.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: Carbon monoxide, carbon dioxide, 1,3-butadiene, styrene monomer, hydrogen, hydrogen sulphide, pentadiene, benzene, xylene, carbon, ash, oxides of sulphur and nitrogen, zinc oxide, and numerous unidentified organic compounds.

### SECTION 11: Toxicological information

Likely routes of exposure : Ingestion. Inhalation. Skin and eyes contact.

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### 12.2. Persistence and degradability

##### Recycled Ground Rubber

Persistence and degradability	Not established.
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#### 12.3. Bioaccumulative potential

##### Recycled Ground Rubber

Bioaccumulative potential	Not established.
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#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

GWPmix comment : No known effects from this product.

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

#### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

Not regulated for transport

#### 14.2. Transport information/DOT

##### Department of Transport

Not regulated for transport

#### 14.3. Air and sea transport

##### IMDG

Not regulated for transport

##### IATA

Not regulated for transport

### SECTION 15: Regulatory information

#### 15.1. National regulations

No information available.

#### 15.2. International regulations

No information available.

### SECTION 16: Other information

Date of issue : 21 June 2017

Sources of Key data : SDS - Safety Data Sheet.

Other information : None.

SDS Canada (GHS)

*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*