

**SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING**

**Product Information**

**Product Name:** Tirecycle® MBS 800  
**Product Use:** Thermoplastic particulate  
**Uses Advised Against:** None

**Manufacturer**

NorthStar Elastomers, LLC  
 4500 Main St NE  
 Fridley, MN 55421  
**Information Phone:** 952-270-4767  
**Fax Number:** 763-710-4647  
**E-mail:** sales@nselastomers.com

**Emergency Phone**

CHEMTREC North America 800-424-9300

**SECTION 2 - HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

No need for classification according to GHS criteria for this product.

**Label Elements**

The product does not require a hazard warning label in accordance with GHS criteria.

**Other Hazards:**

No specific dangers known, if the regulations/notes for storage and handling are considered.  
 May cause eye, skin and respiratory tract irritation. Ingestion may cause gastric disturbances.  
 Ensure adequate ventilation. Wear protective clothing.

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

**Mixture**

Chemical Name	CAS#	EINECS#	EU Classification (67/548/EEC)	CLP Annex VI Classification	%
Polybutene Solids	9003-29-6	Proprietary	No EU Classification	No GHS Classification	Proprietary
EPDM Solids	25038-36-2	Proprietary	or R phrase	No GHS Classification	Proprietary
Rubber Solids	9006-04-6	Proprietary	or R phrase	No GHS Classification	Proprietary

**Non-Hazardous Statement:** The remaining components of this product are non-hazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product.

**SECTION 4 - FIRST AID MEASURES**

**First Aid Measures**

**Eye Contact:** Immediately flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Get medical attention if irritation or exposure symptoms develop.

**Skin Contact:** Wash contact area with soap and water. If irritation occurs, get medical attention.

**Inhalation:** Remove victim to fresh air and keep person calm. Give artificial respiration if needed. If difficulty breathing, have oxygen administered by qualified party. If symptoms persist, get medical attention.

**Ingestion:** Aspiration hazard: DO NOT induce vomiting. Keep respiratory tract clear. If conscious, dilute with water and wash face. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**Most Important symptoms and effects, acute and delayed**

May cause eye and respiratory tract irritation. May cause moderate skin irritation.  
 Aspiration hazard: material may enter the lungs if swallowed and cause lung injury.  
 May cause gastric disturbance. Ensure adequate ventilation. Wear protective clothing.

**Indication for immediate medical care and/or special treatment**

Immediate medical care is required if swallowed.

## SECTION 5 - FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Carbon dioxide (CO <sub>2</sub> ), foam, dry chemical powder, water spray.
<b>Unsuitable Media:</b>	High volume water jet.
<b>Special Hazards</b>	
<b>Fire/Explosion Hazards:</b>	Hazardous melting & dripping may occur at high temperatures
<b>Combustion Byproducts:</b>	Oxides of carbon and unknown metals may be produced during thermal decomposition.
<b>Advice for Firefighters</b>	Wear approved, self-contained breathing apparatus and full protective clothing.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personnel Precautions, Protective Equipment, Emergency Procedures

Use personal protective clothing and equipment to prevent eye and skin contact.

<b>Environmental Precautions</b>	Prevent material from entering drains. Report spills to appropriate authorities. Contain spills and contaminated water/firefighting water.
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<b>Methods for Cleanup</b>	For large amounts: Pump off product. For residues: Pick up with suitable absorbent material. Dispose of in accordance with Local, State, Federal and Provincial regulations.
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## SECTION 7 - HANDLING AND STORAGE

<b>Safe Handling Precautions</b>	No special measures necessary provided product is used correctly. Keep product away from heat, sparks, flames and all other sources of ignition. Keep containers closed when not in use.
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<b>Safe Storage</b>	Store in unopened containers in a cool, dry area. Protect against moisture.
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## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Control Parameters</b>	<b>Chemical Name</b>	<b>Exposure Limits</b>
	Polybutene Polymer Solids	None established

<b>Ventilation</b>	Provide local exhaust ventilation to control vapours/mists.
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### Personal Protective Equipment

<b>Eye Protection:</b>	Wear safety glasses with side-shields or goggles.
<b>Skin Protection:</b>	Body protection must be chosen based on level of activity and exposure. Impervious gloves such as nitrile rubber or viton are recommended to prevent skin contact.
<b>Respiratory Protection:</b>	Wear NIOSH approved respirator, if ventilation is inadequate. For higher exposures, supplied air respirator may be required. Follow applicable regulations.
<b>Hygiene Measures:</b>	Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic Physical and Chemical Properties

<b>Appearance:</b>	Black	<b>Vapor Density:</b>	Not applicable
<b>Odor:</b>	Odorless	<b>Specific Gravity:</b>	1.15
<b>Odor Threshold:</b>	Not applicable	<b>Solubility:</b>	Soluble in hydrocarbon solvents Insoluble in water
<b>pH:</b>	No data available	<b>Octanol/Water Partition Coefficient:</b>	No data available
<b>Melting Point/Freezing Point:</b>	No data available	<b>Autoignition Temp:</b>	>232°C (450°F)
<b>Initial Boiling Point/Range:</b>	>232°C (450°F)	<b>Decomposition Temp:</b>	>232°C (450°F)
<b>Flash Point:</b>	>232°C (450°F)	<b>Viscosity:</b>	No data available
<b>Evaporation Rate:</b>	Not applicable	<b>Explosive Properties:</b>	Not explosive
<b>Flammable Limits:</b>	No data available	<b>Oxidizing Properties:</b>	Not an oxidizer
<b>Flammability (solid, gas):</b>	No data available	<b>Relative Density:</b>	No data available
<b>Vapor Pressure:</b>	Not applicable		
<b>Molecular Formula:</b>	Proprietary		
<b>Molecular Weight:</b>	No data available		

## SECTION 10 - STABILITY AND REACTIVITY

<b>Reactivity</b>	No hazardous reactions if stored and handled as prescribed/indicated. No corrosive effect on metal.
<b>Chemical Stability</b>	Stable under normal ambient and storage/handling conditions.
<b>Possible Hazardous Reactions</b>	No hazardous reactions if stored and handled as prescribed/indicated.
<b>Conditions to Avoid</b>	Heat, sparks, flames and other sources of ignition . Temperature: > 232 °C Heat and pressure can cause curing, which can be exothermic.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	No hazardous decomposition products if stored and handled as prescribed/indicated. Potential carbon dioxide, nitrogen oxides, sulfur. Thermal decomposition: > 232 °C

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Potential Health Effects</b>	
<b>Eye Contact:</b>	May cause slight irritation with redness and blurred vision. Corneal injury is unlikely.
<b>Skin Contact:</b>	May cause moderate irritation and redness.
<b>Inhalation:</b>	Inhalation of vapors, mists or aerosols may cause central nervous system depression with symptoms of headache, dizziness, nausea, drowsiness and unconsciousness may also occur.
<b>Ingestion:</b>	Aspiration hazard. May cause lung damage during swallowing or vomiting. Swallowing may cause central nervous system depression with headache, nausea, dizziness and unconsciousness; gastrointestinal irritation with nausea, vomiting and diarrhea and injury to the lungs, liver and brain.
<b>Chronic Hazards:</b>	No chronic effects are anticipated.
<b>Acute Toxicity Values</b>	
<b>Dermal:</b>	No data available
<b>Oral:</b>	Virtually nontoxic after a single ingestion.
<b>Respiration:</b>	No data available
<b>Respiratory Sensitization:</b>	No data available
<b>Eye Sensitization:</b>	Non-sensitizing.
<b>Skin Sensitization:</b>	Non-sensitizing.
<b>Aspiration Toxicity:</b>	No aspiration hazard expected.
<b>Carcinogenicity:</b>	No components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH and the EU CLP.
<b>Reproductive Toxicity:</b>	No data available
<b>Germ Cell Mutagenicity</b>	No data available. Based on the ingredients, there is no suspicion of a mutagenic effect.
<b>Specific Target Organ Toxicity:</b>	Single Exposure: No data available Repeat Exposure: No data available The statements on toxicology have been derived from products of similar structure and composition.

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Toxicity</b>	No ecotoxicity data is available. This product is not expected to be harmful to aquatic organisms.
<b>Persistence/Degradability</b>	Product is virtually insoluble in water, thus mechanically separable from water in suitable treatment plants.
<b>Mobility in Soil</b>	Product will not evaporate into the atmosphere from the water surface.
<b>Bioaccumulative Potential</b>	Significant accumulation in organisms is not to be expected.
<b>Results of PBT and vPvB</b>	No data available
<b>Assessment</b>	
<b>Other Adverse Effects</b>	No data available The statements on ecotoxicology have been derived from products of a similar structure and composition.

## SECTION 13 - DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	Dispose in accordance with Local, State, Federal and Provincial regulations.
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**SECTION 14 - TRANSPORT INFORMATION**

	UN Number	UN Proper Shipping Name	Hazard Class	Packing Group	Environmental Hazards
US Dot	None	Not Regulated	Not applicable	Not applicable	Not applicable
Canada DOT	None	Not Regulated	Not applicable	Not applicable	Not applicable
EU ADR/RID	None	Not Regulated	Not applicable	Not applicable	Not applicable
IMO/IMDG	None	Not Regulated	Not applicable	Not applicable	Not applicable
IATA/ICAO	None	Not Regulated	Not applicable	Not applicable	Not applicable

**Special Precautions for User:** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

**SECTION 15 - REGULATORY INFORMATION****US Federal Legislation****CERCLA:**

This product is not subject to reporting under CERCLA.

**CLEAN AIR ACT:**

This product does not contain any Hazardous Air Pollutants (HAPS).

**SARA 311/312 Hazard Categories:**

None

**SARA 313 Toxic Ingredients:**

None

**TSCA:**

Product components are listed on TSCA inventory.

**State Regulations****California Proposition 65:**

This product contains no chemicals known to state of California to cause cancer, birth, or any other reproductive defects.

**Other State Regulations:**

Check individual state requirements.

**SECTION 16 - OTHER INFORMATION**

Hazard Rating	NFPA	HMIS
Health Hazard	1	1
Fire Hazard	1	1
Reactivity	0	0
Personal Protection		X

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**Version** 1.1

**Revision Notes:** Tirecycle® trademark registered in Europe.

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