

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 1 of 13

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **GROUND TRUCK AND PASSENGER TIRE RUBBER**

Other means of identification : Not available.

Recommended use of the chemical and restrictions on use

: Automotive Parts, Sealants, and Molded Goods  
No restrictions on use known.

Chemical family : Mixture

Name, address, and telephone number  
of the supplier:

**Edge Rubber Recycling, LLC**

811 Progress Road  
Chambersburg, PA, USA  
17201-3257

Supplier's Telephone # : (717) 660 2353

**24 Hr. Emergency Tel #** : + (717) 660 2353

Name, address, and telephone number of  
the manufacturer:

Refer to supplier

### SECTION 2. HAZARDS IDENTIFICATION

#### Classification of the chemical

Solid powder. Blackish/gray.

Most important hazards:

Causes serious eye irritation. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer. Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS.

Very toxic to aquatic life. Avoid release to the environment. See Section 12 for more environmental information.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:

Eye damage/irritation - Category 2A

Skin sensitization - Category 1

Respiratory sensitization - Category 1

Carcinogenicity - Category 2

Acute aquatic hazard - Category 1

Chronic aquatic toxicity -Category 2

Combustible Dust

#### Label elements

Hazard pictogram(s)



Signal Word

**DANGER!**

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 2 of 13

**SAFETY DATA SHEET**

*Hazard statement(s)*

Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Suspected of causing cancer.  
May form combustible dust concentrations in air.

*Precautionary statement(s)*

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep container tightly closed.  
Do not breathe dust and fume.  
Wash exposed skin thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Avoid release to the environment.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/clothing and eye/face protection.  
Wear respiratory protection.  
IF exposed or concerned: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
Collect spillage.  
Store in a well-ventilated place.  
Store locked up.  
Dispose of contents/container in accordance with local regulation.

**Other hazards**

Other hazards which do not result in classification  
Burning may produce irritating, toxic and obnoxious fumes. :

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

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
<b>Rubber, reclaimed</b>	Not available.	139497-04-4	<b>30.0 - 60.0</b>
<b>Carbon black</b>	Furnace black Lamp black Thermal black	1333-86-4	<b>10.0 - 30.0</b>
<b>Acetone</b>	2-Propanone Methyl ketone	67-64-1	<b>7.0 - 13.0</b>
<b>Zinc oxide</b>	Zinc monoxide	1314-13-2	<b>1.0 - 5.0</b>
<b>Talc</b>	Hydrous magnesium silicate	14807-96-6	<b>1.0 - 5.0</b>
<b>Calcium Carbonate</b>	Aragonite Calcium monocarbonate	471-34-1	<b>1.0 - 5.0</b>
<b>1,4-Benzenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-</b>	Not available.	793-24-8	<b>1.0 - 5.0</b>

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 3 of 13

**SAFETY DATA SHEET**

**SECTION 4. FIRST-AID MEASURES**

**Description of first aid measures**

- Ingestion* : Do not induce vomiting. Never give anything by mouth to a person who is unconscious or is having convulsions. IF exposed or concerned: Get medical advice/attention.
- Inhalation* : If inhaled: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- Skin contact* : IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
- Eye contact* : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Flush eyes with water for at least 15 minutes. If eye irritation persists: get medical advice/attention.

**Most important symptoms and effects, both acute and delayed**

- : Causes serious eye irritation. Contact may cause redness, swelling and a painful sensation.  
May cause an allergic skin reaction (e.g. swelling, rash and eczema).  
May cause allergic respiratory reaction (sensitization) with asthmatic symptoms such as wheezing and chest tightness. Suspected of causing cancer.

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

- : Provide general supportive measures and treat symptomatically.

**SECTION 5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

- Suitable extinguishing media* : Carbon dioxide (CO<sub>2</sub>); Dry chemical; Alcohol resistant foam.
- Unsuitable extinguishing media* : Do not use a solid water stream as it may scatter and spread fire.

**Special hazards arising from the substance or mixture / Conditions of flammability**

- : May form combustible dust concentrations in air.

**Flammability classification (OSHA 29 CFR 1910.106)**

- : Combustible Dust

**Hazardous combustion products**

- : Carbon oxides; Nitrogen oxides

**Special protective equipment and precautions for firefighters**

- Protective equipment for fire-fighters* : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

*Special fire-fighting procedures*

- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not get water inside containers. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

- : Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Wear appropriate protective equipment. Refer to protective measures listed in sections 7 and 8.

- Environmental precautions** : Avoid release to the environment. Prevent product from entering drains, sewers, waterways and soil.

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 4 of 13

**SAFETY DATA SHEET****Methods and material for containment and cleaning up**

- : Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use non-sparking tools and explosion-proof equipment. Pick up and transfer to properly labeled containers.

**Special spill response procedures**

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the National Response Center in the United States (phone: 1-800-424-8802).

**SECTION 7. HANDLING AND STORAGE****Precautions for safe handling**

- : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.  
Use only outdoors or in a well-ventilated area. Wear suitable protective equipment during handling. Wear protective gloves/clothing and eye/face protection. Wear respiratory protection. Do not breathe dust or fume. Avoid contact with skin, eyes and clothing. Use only non-sparking tools. Keep away from incompatibles. Keep containers tightly closed when not in use. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

**Conditions for safe storage** : Store in cool/well-ventilated place. Store locked up. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel.

**Incompatible materials** : Strong oxidizers.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Limits:</b>			
<b>Chemical Name</b>	<b>ACGIH TLV</b>		<b>OSHA PEL</b>
	<b>TWA</b>	<b>STEL</b>	<b>PEL</b> <b>STEL</b>
Rubber, reclaimed	N/Av	N/Av	N/Av      N/Av
Carbon black	3.0 mg/m <sup>3</sup> (inhalable)	N/Av	3.5 mg/m <sup>3</sup> N/Av
Acetone	250 ppm	500 ppm	1000 ppm (2400 mg/m <sup>3</sup> )      N/Av
Zinc oxide	2 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (respirable)	5 mg/m <sup>3</sup> (fume); 15 mg/m <sup>3</sup> (total dust); 5 mg/m <sup>3</sup> (respirable)      N/Av
Talc	2 mg/m <sup>3</sup> (respirable) (talc containing no asbestos)	N/Av	20 mppcf      N/Av
Calcium Carbonate	N/Av	N/Av	15 mg/m <sup>3</sup> (total dust); 5 mg/m <sup>3</sup> (respirable)      N/Av
1,4-Benzenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	N/Av	N/Av	N/Av      N/Av

**Exposure controls****Ventilation and engineering measures**

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 5 of 13

**SAFETY DATA SHEET**

- Respiratory protection** : Use only outdoors or in a well-ventilated area. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof electrical and ventilating equipment. In case of insufficient ventilation wear suitable respiratory equipment.
- Skin protection** : If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02. Advice should be sought from respiratory protection specialists.
- Eye / face protection** : Wear protective gloves/clothing. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact.
- Other protective equipment** : Wear eye/face protection. Chemical splash goggles are recommended.
- General hygiene considerations** : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.
- : Do not breathe dust or fume. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice. Contaminated work clothing must not be allowed out of the workplace.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State** : Solid -powder
- Colour** : Black / gray
- Odour** : N/Av
- Odour threshold** : N/Av
- pH** : N/Av
- Melting Point/Freezing point** : N/Av
- Initial boiling point and boiling range** : N/Av
- Flash point** : 320°C
- Flashpoint (Method)** : Closed cup
- Evaporation rate (BuAe = 1)** : N/Av
- Flammability** : Not applicable.
- Lower explosion or flammability limit (% by vol.)** : N/Av
- Upper explosion or flammability limit (% by vol.)** : N/Av
- Oxidizing properties** : N/Av
- Explosive properties** : Not explosive
- Vapour pressure** : N/Av
- Relative vapour density** : N/Av
- Relative density / Specific gravity** : >1
- Solubility in water** : Insoluble.
- Other solubility(ies)** : N/Av
- Partition coefficient: n-octanol/water or Coefficient of water/oil distribution** : N/Av
- Auto-ignition temperature** : N/Av
- Decomposition temperature** : N/Av

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 6 of 13

**SAFETY DATA SHEET**

Viscosity : N/Av  
Particle characteristics : N/Av  
Volatiles (% by weight) : N/Av  
Volatile organic Compounds (VOC's)  
: N/Av  
Absolute pressure of container  
: N/Av  
Flame projection length : N/Av  
Other physical/chemical comments  
: Not applicable

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Not expected to be reactive.  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions  
: Hazardous polymerization does not occur.  
Conditions to avoid : Direct sources of heat. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials. Avoid dust formation.  
Incompatible materials : Strong oxidizers.  
Hazardous decomposition products  
: Carbon oxides. Nitrogen oxides Smoke

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure:**

Routes of entry inhalation : YES  
Routes of entry skin & eye : YES  
Routes of entry Ingestion : YES  
Routes of exposure skin absorption  
: NO

**Potential Health Effects:**

**Signs and symptoms of short-term (acute) exposure**

*Sign and symptoms Inhalation*

: Dust may irritate respiratory system. Symptoms may include upper respiratory irritation, coughing and breathing difficulties.

*Sign and symptoms ingestion*

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

*Sign and symptoms skin*

: Direct skin contact may cause slight or mild, transient irritation.

*Sign and symptoms eyes*

: Causes serious eye irritation. Contact may cause redness, swelling and a painful sensation.

**Potential Chronic Health Effects**

: Not available.

**Mutagenicity** : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** : Carcinogenicity - Category 2. Suspected of causing cancer. Contains carbon black, a suspected human carcinogenic agent.

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 7 of 13

**SAFETY DATA SHEET**

**Reproductive effects & Teratogenicity**

: Not expected to cause reproductive effects.

**Sensitization to material**

: Respiratory sensitization - Category 1. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic respiratory reaction (sensitization) with asthmatic symptoms such as wheezing and chest tightness.  
Skin sensitization - Category 1. May cause an allergic skin reaction.  
May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema.

**Specific target organ effects** : According to the classification criteria of U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015), this product is not expected to cause target organ toxicity through single or repeated exposures.

**Medical conditions aggravated by overexposure**

: Not available.

**Synergistic materials**

: Not available.

**Toxicological data**

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Rubber, reclaimed	N/Av	N/Av	N/Av
Carbon black	6.75 mg/L (dust)	> 10 000 mg/kg	> 3000 mg/kg
Acetone	30 000 ppm (71 mg/L) (vapour)	5800 mg/kg	> 15 800 mg/kg
Zinc oxide	> 5.7 mg/L (dust) (No mortality)	> 5000 mg/kg	> 2000 mg/kg (No mortality)
Talc	N/Av	N/Av	N/Av
Calcium Carbonate	> 3 mg/L (aerosol) (No mortality)	6450 mg/kg	> 2000 mg/kg (No mortality)
1,4-Benzenediamine, N-(1,3-dimethylbutyl)-N'-phenyl	N/Av	2500 mg/kg	N/Av

**Other important toxicological hazards**

: Not available.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

: Very toxic to aquatic life with long lasting effects. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

See the following tables for individual ingredient ecotoxicity data.



**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 8 of 13

**SAFETY DATA SHEET**

**Ecotoxicity data:**

<u>Ingredients</u>	CAS #	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Rubber, reclaimed	139497-04-4	N/Av	N/Av	None.
Carbon black	1333-86-4	> 1000 mg/L (Zebra fish)	N/Av	None.
Acetone	67-64-1	6210 mg/L (Fathead minnow)	N/Av	None.
Zinc oxide	1314-13-2	1.1 mg/L (Rainbow trout)	N/Av	None.
Talc	14807-96-6	> 110 000 mg/L (QSAR)	1413 mg/L (30 days) (QSAR)	None.
Calcium Carbonate	471-34-1	N/Av	N/Av	None.
1,4-Benzenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	0.4 mg/L	N/Av	10

<u>Ingredients</u>	CAS #	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Rubber, reclaimed	139497-04-4	N/Av	N/Av	None.
Carbon black	1333-86-4	> 5600 mg/L/24hr (Daphnia magna)	N/Av	None.
Acetone	67-64-1	15 800 mg/L (Daphnia magna)	1660 mg/L	None.
Zinc oxide	1314-13-2	0.098 mg/L (Daphnia magna)	N/Av	10
Talc	14807-96-6	36 812 mg/L (QSAR)	1460 mg/L (30 days) (QSAR)	None.
Calcium Carbonate	471-34-1	N/Av	N/Av	None.
1,4-Benzenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	0.51 mg/L	N/Av	10



**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 9 of 13

**SAFETY DATA SHEET**

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Rubber, reclaimed	139497-04-4	N/Av	N/Av	None.
Carbon black	1333-86-4	> 10 000 mg/L/72hr (Green algae)	N/Av	None.
Acetone	67-64-1	7000 mg/L/96hr (Green algae)	N/Av	None.
Zinc oxide	1314-13-2	0.044 mg/L/72hr (Green algae)	N/Av	10
Talc	14807-96-6	7203 mg/L/96hr (Green algae) (QSAR)	N/Av	None.
Calcium Carbonate	471-34-1	N/Av	N/Av	None.
1,4-Benzenediamine, N- (1,3-dimethylbutyl)-N'-phenyl-	793-24-8	0.6 mg/L	N/Av	10

**Persistence and degradability**

: The product itself has not been tested.

**Bioaccumulation potential**

: The product itself has not been tested. See the following data for ingredient information.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Acetone (CAS 67-64-1)	0.24	0.65 (Fish)
Zinc oxide (CAS 1314-13-2)	- 1.53 (estimated)	N/Av
Talc (CAS 14807-96-6)	- 1.5 (estimated)	N/Av
Calcium Carbonate (CAS 471-34-1)		no bioaccumulation
1,4-Benzenediamine, N- (1,3-dimethylbutyl)-N'-phenyl- (CAS 793-24-8)		12 - 23

**Mobility in soil**

: The product itself has not been tested.

**Other Adverse Environmental effects**

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Handling for Disposal**

: Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

**Methods of Disposal**

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

**RCRA**

: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.








**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 10 of 13

## SAFETY DATA SHEET

### SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. Zinc oxide, 1,4-Benzenediamine, N1-(1,3-dimethylbutyl)-N4-phenyl-)	9	III	
<b>49CFR/DOT Additional information</b>	May be shipped as LIMITED QUANTITY when transported in units less than 5 kg, in packages not exceeding 30 kg gross mass.				
TDG	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. Zinc oxide, 1,4-Benzenediamine, N1-(1,3-dimethylbutyl)-N4-phenyl-)	9	III	 
<b>TDG Additional information</b>	This material may be shipped as an exempted marine pollutant in accordance with TDG Section 1.45.1 and Special Provision 99.				
IMDG	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. Zinc oxide, 1,4-Benzenediamine, N1-(1,3-dimethylbutyl)-N4-phenyl-)	9	III	 
<b>IMDG Additional information</b>	May be shipped as Limited Quantity when transported in containers no larger than 5.0 kg; in packages not exceeding 30 kg gross mass.				
ICAO/IATA	UN3077	Environmentally hazardous substance, solid, n.o.s. Zinc oxide, 1,4-Benzenediamine, N1-(1,3-dimethylbutyl)-N4-phenyl-)	9	III	 
<b>ICAO/IATA Additional information</b>	Refer to the appropriate Packing Instruction, prior to shipping this material. Review all State and Operator Variations, prior to shipping this material.				

**Special precautions for user** : Appropriate advice on safety must accompany the package. Keep away from heat, sparks and open flame - No smoking.

**Environmental hazards** : This product meets the criteria for an environmentally hazardous material according to the IMDG Code. See Section 12 for more environmental information.

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 11 of 13

**SAFETY DATA SHEET**

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de Minimis Concentration
Rubber, reclaimed	139497-04-4	Yes	N/Ap	N/Av	No	N/Ap
Carbon black	1333-86-4	Yes	None.	None.	No	N/Ap
Acetone	67-64-1	Yes	5000 lb/ 2270 kg	None.	No	N/Ap
Zinc oxide	1314-13-2	Yes	None.	None.	Yes	1%
Talc	14807-96-6	Yes	None.	None.	No	N/Ap
Calcium Carbonate	471-34-1	Yes	None.	None.	No	N/Ap
1,4-Benzenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	Yes	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes:

Combustible Dust; Eye irritation; Skin sensitization; Respiratory sensitization; Carcinogenicity

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Rubber, reclaimed	139497-04-4	No	N/Ap	No	No	No	No	No	No
Carbon black	1333-86-4	Yes	Cancer (airborne, unbound particles of respirable size)	Yes	Yes	Yes	Yes	Yes	Yes
Acetone	67-64-1	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Zinc oxide	1314-13-2	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Talc	14807-96-6	No	N/Ap (talc containing no asbestos)	Yes	Yes	Yes	Yes	Yes	Yes
Calcium Carbonate	471-34-1	No	N/Ap	No	No	No	No	No	No
1,4-Benzenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	No	N/Ap	No	No	No	No	No	No

**Canadian Information:**

All ingredients listed appear on the Domestic Substances List (DSL) except: CAS #139497-04-4 is on the NDSL

**International Information:**

Components listed below are present on the following International Inventory list:

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 12 of 13

**SAFETY DATA SHEET**

<u>Ingredients</u>	<u>CAS #</u>	<u>European EINECs</u>	<u>Australia AICS</u>	<u>Philippines PICCS</u>	<u>Japan ENCS</u>	<u>Korea KECI/KECL</u>	<u>China IECSC</u>	<u>NewZealand IOC</u>
Rubber, reclaimed	139497-04-4	Not listed	Not listed	Not listed	(8)-584	KE-30113	Present	Not listed
Carbon black	1333-86-4	215-609-9	Present	Present	(5)-3328; (5)-5222	KE-04682	Present	HSR002801
Acetone	67-64-1	200-662-2	Present	Present	(2)-542	KE-29367	Present	HSR001070
Zinc oxide	1314-13-2	215-222-5	Present	Present	(1)-561	KE-35565	Present	HSR003104
Talc	14807-96-6	238-877-9	Present	Present	(1)-468; (1)-468	KE-32773	Present	May be used as a single component chemical under an appropriate group standard.
Calcium Carbonate	471-34-1	207-439-9	Present	Present	(1)-122	KE-04487	Present	HSR006678
1,4-Benzenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-	793-24-8	212-344-0	Present	Present	(3)-368; (3)-136	KE-11272	Present	HSR006911

**SECTION 16. OTHER INFORMATION**

**Legend**

: ACGIH: American Conference of Governmental Industrial Hygienists  
AICS: Australian Inventory of Chemical Substances  
CAS: Chemical Abstract Services  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
CFR: Code of Federal Regulations  
CSA: Canadian Standards Association  
DOT: Department of Transportation  
EC50: Effective Concentration 50%  
ENCS: Existing and New Chemical Substances  
EPA: Environmental Protection Agency  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
IECSC: Inventory of Existing Chemical Substances  
IMDG: International Maritime Dangerous Goods  
IOC: Inventory of Chemicals  
ISHL: Industrial Safety Health Law  
KECI: Korean Existing Chemicals Inventory  
KECL: Korean Existing Chemicals List  
LC: Lethal Concentration  
LD: Lethal Dose  
N/Ap: Not Applicable  
N/Av: Not Available  
NIOSH: National Institute of Occupational Safety and Health  
NOEC: No observable effect concentration  
NTP: National Toxicology Program  
OECD: Organisation for Economic Co-operation and Development  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible exposure limit  
PICCS: Philippine Inventory of Chemicals and Chemical Substances  
SARA: Superfund Amendments and Reauthorization Act  
SCBA: Self-Contained Breathing Apparatus  
STEL: Short Term Exposure Limit  
TDG: Canadian Transportation of Dangerous Goods Act & Regulations

**GROUND TRUCK AND PASSENGER TIRE  
RUBBER**

SDS Preparation Date (mm/dd/yyyy): 07/30/2024

Page 13 of 13

**SAFETY DATA SHEET**

- References**
- TLV: Threshold Limit Values  
TSCA: Toxic Substance Control Act  
TWA: Time Weighted Average
- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices  
2. ECHA - European Chemical Agency  
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases  
4. Safety Data Sheets from manufacturer.  
5. US EPA Title III List of Lists  
6. California Proposition 65 List  
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

**Preparation Date (mm/dd/yyyy)**

: 07/30/2024

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

<b><u>Prepared for:</u></b> Edge Rubber Recycling, LLC 811 Progress Road Chambersburg, PA 17201-3257 (717) 660 2553 www.edgerubber.com	
<b><u>Prepared by:</u></b> ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.): (888) 977-4834 (Canada) <a href="http://www.thecompliancecenter.com">http://www.thecompliancecenter.com</a>	

**DISCLAIMER**

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by / obtained from Edge Rubber Recycling, LLC and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and Edge Rubber Recycling, LLC expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process. This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Edge Rubber Recycling, LLC

**END OF DOCUMENT**