

# SAFETY DATA SHEET (Regulation (EC) N°1907/2006 - REACH)

Revision : 1 (07-12-2010)

Version : 1 (07-12-2010)

## SAFETY DATA SHEET

(REACH regulation (EC) N° 1907/2006 - N° 453/2010)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

- Product name: GROUND TRUCK AND PASSENGER TIRE RUBBER

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

- Automotive Parts, Sealants, and Molded Goods.

#### 1.3. Details of the supplier of the safety data sheet

- Registered company name: Edge Rubber
- Address: 811 Progress Road, 17201, Chambersburg, United States
- Telephone: +1 (717)-267-0599
- Email : mkauffman@edgerubber.com
- www.EdgeRubber.com

#### 1.4. Emergency telephone number: +1(717)-267-0599

### SECTION 2: HAZARDS IDENTIFICATION

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

- The hazardous components listed in Section 3 are no longer bioavailable due to the vulcanisation process. As a consequence, the mixture itself does not meet the criteria for classification as hazardous under Directive 1999/45/EC or Regulation (EC) No 1272/2008.

#### 2.2. Other hazards

- In use, may form flammable/explosive dust-air mixture.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

- No substances fulfil the criteria set forth in Annex II section A of the REACH Regulation (EC) N° 1907/2006.

#### 3.2. Mixtures

##### Composition:

Identification	Name	Classification	%
INDEX: 649-002-00-9 CAS: 64742-04-7 EC: 265-103-7	EXTRACTS (PETROLEUM), HEAVY PARAFFINIC DISTILLATE SOLVENT	GHS08, Dgr T H:350.1B R: 45.C2 NOTA: H	10 <= x % < 25
CAS: 1333-86-4 EC: 215-609-9	CARBON BLACK		25 <= x % < 50
INDEX: 030-013-00-7 CAS: 1314-13-2 EC: 215-222-5	ZINC OXIDE	GHS09, Wng N H:410 R: 50/53	2.5 <= x % < 10
CAS: 471-34-1 EC: 207-439-9	CALCIUM CARBONATE		1 <= x % < 2.5

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CAS: 793-24-8 EC: 212-344-0	N-1,3-DIMETHYLBUTYL-N'- PHENYL-P-PHENYLENEDIAMINE	GHS09, GHS07, Wng Xi,N H:317-410 R: 43-50/53	1 <= x % < 2.5
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## **SECTION 4: FIRST AID MEASURES**

- As a general rule, in case of doubt or if symptoms persist, always call a doctor.
- NEVER induce swallowing in an unconscious person.

### **4.1. Description of first aid measures**

#### **In the event of exposure by inhalation:**

- If a large quantity of dust is inhaled, move the patient into the fresh air and keep him/her warm and still.

#### **In the event of splashes or contact with eyes:**

- Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
- If there is any redness, pain or visual impairment, consult an ophthalmologist.

#### **In the event of splashes or contact with skin:**

- Wash the skin thoroughly with soap and water or a recognised cleaner.

## **SECTION 5: FIREFIGHTING MEASURES**

Non-flammable

### **5.1. Suitable methods of extinction**

In the event of a fire, use:

- - sprayed water or water mist
- - foam
- - multipurpose ABC powder
- - BC powder
- - carbon dioxide (CO<sub>2</sub>)

### **5.2. Special hazards arising from the substance or mixture**

- A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
- Do not breathe in smoke.
- In the event of a fire, the following may be formed:
  - - carbon monoxide (CO)
  - - carbon dioxide (CO<sub>2</sub>)

### **5.3. Advice for firefighters**

- Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

- Consult the safety measures listed under headings 7 and 8.

### **6.2. For non fire-fighters**

- Avoid any contact with the skin and eyes.

### **6.3. For fire-fighters**

- Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

### **6.4. Environmental precautions**

- Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

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- Prevent any material from entering drains or waterways.

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

- Retrieve the product by mechanical means (sweeping/vacuuming): do not generate dust.

### 6.6. Reference to other sections

- No data available.

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## **SECTION 7: HANDLING AND STORAGE**

The regulations relating to storage premises apply to workshops where the product is handled.

### 7.1. Handling:

- Avoid inhaling dusts.

### 7.2. Fire prevention:

- Prevent access by unauthorised personnel.

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## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### 8.1. Control parameters

#### Occupational exposure limits:

- - ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria
	1314-13-2	2 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	-	- R

- - France (INRS - ED984:2007 and French Order of 30/06/2004):

CAS	VME-ppm:	VME-mg/m <sup>3</sup> :	VLE-ppm:	VLE-mg/m <sup>3</sup> :	Notes:	TMP No.:
	1314-13-2	-	5	-	-	-

- - Switzerland (SUVA 2009):

CAS	VME-mg/m <sup>3</sup> :	VME-ppm:	VLE-mg/m <sup>3</sup> :	VLE-ppm:	Temps:	RSB:
	1314-13-2	3a	-	3a	-	15 min -

### 8.2. Exposure controls

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

- Use personal protective equipment that is clean and has been properly maintained.
- Store personal protective equipment in a clean place, away from the work area.
- Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### Technical measures:

- Personnel shall wear regularly laundered overalls.
- If the ventilation is insufficient to maintain the concentration of dust below the exposure limits, wear breathing apparatus.
- Provide safety eye washes in workshops where the product is handled constantly.

#### Respiratory protection:

- With this preparation, particularly avoid inhaling dust.

#### Eye and face protection:

- Wear safety goggles.
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### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

##### **General information:**

Physical state:	powder or dust
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##### **Important health, safety and environmental information:**

PH of the substance or preparation:	not relevant.
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- The pH is impossible to measure or its value is not relevant.

Vapour pressure:	not relevant.
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Density:	> 1
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Water solubility:	Insoluble.
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#### **9.2. Other information**

- No data available.

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### **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

- No data available.

#### **10.2. Chemical stability**

- This mixture is stable under the recommended handling and storage conditions in section 7.

#### **10.3. Possibility of hazardous reactions**

- When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

#### **10.4. Conditions to avoid**

- Avoid:
  - formation of dusts
- Dusts can form an explosive mixture with air.

#### **10.5. Incompatible materials**

- Keep away from:
  - Oxidising agents

#### **10.6. Hazardous decomposition products**

- The thermal decomposition may release/form:
  - carbon monoxide (CO)
  - carbon dioxide (CO<sub>2</sub>)

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### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1. Information on toxicological effects**

- Splashes in the eyes may cause irritation and reversible damage
- May cause an allergic reaction by skin contact.

##### **Mixture**

- No toxicological data available for the mixture.

##### **Respiratory or skin sensitisation:**

- May cause an allergic skin reaction.
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### **SECTION 12: ECOLOGICAL INFORMATION**

- No ecological data on the product itself is available.

#### **Other adverse effects:**

- Germany: Nicht wassergefährdend (VwVwS vom 27/07/2005, KBws)

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### **SECTION 13: DISPOSAL CONSIDERATIONS**

- Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

#### **13.1. Waste treatment methods**

- Do not pour into drains or waterways.

#### **Waste:**

- Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
- Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
- Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### **Soiled packaging:**

- Empty container completely. Keep label(s) on container.
- Give to a certified disposal contractor.

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### **SECTION 14: TRANSPORT INFORMATION**

- Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

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### **SECTION 15: REGULATORY INFORMATION**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **- German regulations concerning the classification of hazards for water (WGK):**

- Germany: WGK 2 (VwVwS vom 27/07/2005, KBws)

#### **15.2. Chemical safety assessment**

- No data available.

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### **SECTION 16: OTHER INFORMATION**

- Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
- The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.
- It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
- The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### **Abbreviations:**

- ADR: European agreement concerning the international carriage of dangerous goods by Road.
- IMDG: International Maritime Dangerous Goods.
- IATA: International Air Transport Association.

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- ICAO: International Civil Aviation Organisation
- RID: Regulations concerning the International carriage of Dangerous goods by rail.
- WGK: Wassergefährdungsklasse (Water Hazard Class).