

# Accella Tire Fill Systems Safety Data Sheet

## 1. Identification of Substance:

**Product Name:** EcoCrumb 35, EcoCrumb 40

**Supplier Identification:**  
Accella Tire Fill Systems

**Telephone:**  
(440) 260-9830

**Address:**  
140 Sheldon Road  
Berea, OH 44017

**24-Hr. Emergency Phone Number:**  
CHEMTREC (800) 424-9300

**Product Use:** Crumb rubber used in tire fill

## 2. Hazards Identification:

**GHS Ratings:**

**GHS Hazards**

**GHS Precautions**

**Signal Word:**

There are no GHS ratings that apply to this product at this time.

The hazardous components listed in Section 3 are no longer bioavailable due to the vulcanization process. As a consequence, the material itself does not meet the criteria for classification as hazardous under OSHA 29 CFR 1910.1200

## 3. Composition/Data on Components:

Chemical Name	CAS number	Weight Concentration %
Carbon black	1333-86-4	20.00% - 30.00%
Rubber	9006-04-6	20.00% - 30.00%
Extracts, petroleum, heavy paraffinic distillate solvent	64742-04-7	5.00% - 10.00%
Sulfur	7704-34-9	1.00% - 5.00%
Zinc oxide	1314-13-2	1.00% - 5.00%

#### **4. First Aid Measures:**

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After skin contact:** Clean affected area with soap and plenty of water.

**After swallowing:** Consult physician.

**Notes to physician:** Treat symptomatically.

#### **5. Fire Fighting Measures:**

**Suitable extinguishing agents:** Water spray, CO2, Foam, Dry chemical

**Information about protection against explosions and fires:** No unusual hazards expected.

**Dangerous products of decomposition:** Oxides of carbon, sulfur, and zinc, hydrocarbons, thick black smoke.

**Protective equipment:** Firefighters should wear pressure demand self-contained breathing apparatus and protective clothing.

#### **6. Accidental Release Measures:**

**Person-related safety precautions:** Avoid contact with skin and eyes.

**Measures for environmental protection:** Sweep up spill. Try to avoid creating dust. Collect for proper disposal according to local, state, and federal regulations.

#### **7. Handling and Storage:**

**Information for safe handling:** Avoid contact with skin or inhalation.

**Storage Requirements:** Store in dry, well ventilated area.

#### **8. Exposure Controls and Personal Protection:**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
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Carbon black 1333-86-4	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable fraction)	NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)
Rubber 9006-04-6	Not Established	0.0001 mg/m3 TWA (inhalable fraction, as inhalable allergenic proteins)	Not Established
Extracts, petroleum, heavy paraffinic distillate solvent 64742-04-7	Not Established	Not Established	Not Established
Sulfur 7704-34-9	Not Established	Not Established	Not Established
Zinc oxide 1314-13-2	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	10 mg/m3 STEL (respirable fraction) 2 mg/m3 TWA (respirable fraction)	NIOSH: 5 mg/m3 TWA (dust and fume) 15 mg/m3 Ceiling (dust) 10 mg/m3 STEL (fume)

**Engineering Controls:** No specific measures expected.

**General protective and hygienic measures:** Usual precautionary measures should be adhered to when handling chemicals

**Personal Protective Equipment:**

**Respiratory Protection:** None required if work area is properly ventilated.

**Hand Protection:** Protective gloves.

**Eye Protection:** Safety glasses.

**Body Protection:** Protective work clothing. Launder separately.

## **9. Physical and Chemical Properties:**

<p><b>Appearance:</b> Black rubber granules</p> <p><b>Vapor Pressure:</b> N/A</p> <p><b>Vapor Density:</b> N/A</p> <p><b>Specific Gravity</b> 1.06</p> <p><b>Freezing point:</b> N/A</p> <p><b>Boiling range:</b> N/A</p> <p><b>Evaporation rate:</b> N/A</p> <p><b>Explosive Limits:</b> N/A</p> <p><b>Autoignition temperature:</b> N/A</p>	<p><b>Odor:</b> Vulcanized rubber</p> <p><b>Odor threshold:</b> N/A</p> <p><b>pH:</b> N/A</p> <p><b>Melting point:</b> N/A</p> <p><b>Solubility:</b> N/A</p> <p><b>Flash point:</b> N/A</p> <p><b>Flammability:</b> N/A</p> <p><b>Partition coefficient (n-octanol/water):</b> N/A</p> <p><b>Decomposition temperature:</b> N/A</p>
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## **10. Stability and Reactivity:**

**Chemical Stability:** Expected to be stable under normal storage conditions.

**Incompatible Materials:** Avoid contact with acids, oxidizing agents, iron particles, excess moisture.

**Hazardous Polymerization:** Not expected to occur.

**Dangerous Products of Decomposition:** Oxides of carbon, sulfur, and zinc, hydrocarbons, thick black smoke. Combustion products must be considered toxic.

## **11. Toxicological Information:**

**Mixture toxicity unknown**

**Eyes:** Minor potential for irritation.

**Skin:** Minor potential for irritation.

**Inhalation:** Minor potential for irritation.

**Ingestion:** Consult physician.

**Chronic effects:** Unlikely with occasional contact with material in solid form.

**Conditions Aggravated by Exposure:** Asthma, respiratory disorders, skin allergies, eczema possible from repeated contact with dust.

**Routes of Entry :** Inhalation, skin contact.

**Target Organs:** Respiratory tract, skin.

## **12. Ecological Information:**

**General Information:** Based on experience no adverse effects are to be expected if correct disposal procedures have been followed.

**Mixture ecotoxicity unknown.**

## **13. Disposal Considerations**

**Recommendation:** Observe local requirements. Dispose of in accordance with local/state/federal regulations.

## **14. Transport Information**

### **DOT Regulated Components:**

This material ships as non-regulated unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
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## **15. Regulatory Information:**

**OSHA HAZARD COMMUNICATION STANDARD:** This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

**This product contains substances known to the state of California to cause cancer, birth defects, or other reproductive harm:**

Carbon black 1333-86-4 20 to 30 % CARC

### **Massachusetts Right To Know List:**

Sulfur 7704-34-9 1 to 5 %

Zinc oxide 1314-13-2 1 to 5 %

Extracts, petroleum, heavy paraffinic distillate solvent 64742-04-7 5 to 10 %

Carbon black 1333-86-4 20 to 30 %

### **New Jersey Right To Know List:**

Sulfur 7704-34-9 1 to 5 %

Zinc oxide 1314-13-2 1 to 5 %

Carbon black 1333-86-4 20 to 30 %

### **Pennsylvania Right To Know List:**

Sulfur 7704-34-9 1 to 5 %

Zinc oxide 1314-13-2 1 to 5 %

Carbon black 1333-86-4 20 to 30 %

**All substances listed on TSCA inventory unless noted:**

- None

## **16. Other information:**

Safety Data Sheet issued by Product Safety Department

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