

# Material Safety Data Sheet

## EPDM Colored Rubber Granule

### 1. PRODUCT IDENTIFICATION

Customer Information Center: 800-234-5414

REVISION01/12/2013

Use of the material: Designed for athletic/play/safety surface/synthetic flooring  
Infill granules for artificial grass

Specific Materials: EPDM with Fillers & Pigments

### 2. Composition/ Details of components

**Chemical characterization:** Vulcanized (crosslinked) rubber mixture based on EPDM (Ethylene Propylene Diene Monomer) and additives – mineral fillers, paraffinic mineral oil, processing aids, dyestuffs and crosslinking agents –

**Additional information:** Not applicable

### 3. Possible hazards

**Classification:** Not applicable

**Additional hazard information for man and the environment:** Not applicable

### 4. First-aid measures

No particular measures are required

### 5. Measures for fire fighting

**Suitable extinguishing agents:** Water, foam

**Unsuitable extinguishing agents from a safety standpoint:** Not applicable

**Particular hazards arising from the product itself, its combustion products or from the resulting gases:** Observe the development of toxic gases in the case of a fire.

**Special protective equipment for fire fighters:** Circulating air-independent wear breathing apparatus



**American Recycling Center, Inc**

655 Wabasse Drive, Owosso, MI 48867  
(989) 725-5100 [www.americanrecycling.com](http://www.americanrecycling.com)

*Continued on Next Page...*

**Additional information:** Not applicable  
Fire class: Not applicable  
Temperature class: Not applicable

## 6. Accidental release measures

No particular measures necessary

## 7. Handling and storage

**Handling:** No particular measures necessary

**Storage:** No particular measures necessary

## 8. Exposure restriction and personal protective equipment

No special measures are required in respect of inhalation protection, eye protection, hand protection and body protection. It is nevertheless recommended that protective eyewear, gloves and work clothing is worn when working with the material.

## 9. Physical and chemical properties

### Appearance

**Form:** Granules with definite particle sizes and particle size distribution

**Colors:** red, green, beige, blue, brown, yellow, grey, luminous blue, luminous yellow, luminous green, luminous orange, luminous red, purple, turquoise, and white

**Smell:** Characteristic

### Safety-related information:

Ignition temperature (°C): >300  
Density at 23°C (g/cm<sup>3</sup>): 1.55 +/- 0.05

## 10. Stability and reactivity

**Conditions to be avoided:** Thermal decomposition as from approx. 300 °C

**Materials to be avoided:** None known

**Dangerous decomposition products:** In the case of fire, the development of carbon monoxide, carbon dioxide, sulphur dioxide, nitrogen oxides and other fumes is possible.

## 11. Toxicology information

Acute oral toxicity	LD 50 (mg/kg)	Not known
Acute dermal toxicity	LD acute 50 (mg/kg)	Not known
Inhalation toxicity	LD 50 (mg/l)	Not known



# American Recycling Center, Inc

655 Wabasse Drive, Owosso, MI 48867  
(989) 725-5100 [www.americanrecycling.com](http://www.americanrecycling.com)

*Continued on Next Page...*

## **12. Ecology-related information**

Water endangerment class (WGK): 0 (Self classification) not water-solubly

## **13. Disposal information**

### **Disposal/Waste material (Product):**

Preferably forward the material for appropriate recycling. The material may be used as landfill or incinerated in a suitable facility, in compliance with local authority regulations.

## **14. Transportation information**

Not hazardous goods

## **15. Regulations**

### **EC Regulations**

#### **Identification/marketing/labeling:**

No identification/marketing/labeling required

## **16. Other information**

The above information is based on the current state of knowledge and experiences. The safety data sheets of the individual materials served as a source in compiling this sheet. The safety data sheet describes products in respect of their safety requirements. The provided information is not being regarded as an assurance of properties. Please refer to the respective test reports for product specifications. The information provided is subject to change.



# **American Recycling Center, Inc**

**655 Wabasse Drive, Owosso, MI 48867**  
(989) 725-5100 [www.americanrecycling.com](http://www.americanrecycling.com)