



## MATERIAL 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



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

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



## **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.