



## Rubber Flooring

### MATERIAL SAFETY DATA SHEET

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY / UNDERTAKING

PRODUCTNAME: EPDM Granules

SUPPLIER: Sunflex Recycling Pvt Ltd  
Plot no 274/4, Shital Compound, Opp Gujarat High Court,  
S.G Highway, Sola, Ahmedabad-380060, India  
Contact No: +91-9925032151, www.shitaltyres.com

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	Content	Classification
EPDM Granules (Ethylene Propylene Diene Monomer)	100 %	Not Classified as Hazardous according to GHS (Globally Harmonised System)
CAS no: 25038-36-2		

The full text for all R-Phrases are Displayed in Section 16

#### 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Moderate eye irritant

INGESTION: Seek medical aid

SKIN CONTACT: Not harmful in contact with skin.

EYE CONTACT: Causes eye irritation.

#### 4. FIRST AID MEASURES

INHALATION: Seek medical aid, medical advice is required.

INGESTION: medical advice is required.

SKIN CONTACT: wash off with plenty of soap and water;

EYE CONTACT: Avoid Dust in Eye, Do not Rub Eye, Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. A doctor (or eye specialist) should be consulted immediately

#### 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO<sup>2</sup>, foam, dry powder;

SPECIAL FIRE FIGHTING PROCEDURES: in cases of larger fires, water spray should be used.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Explosion protection not required.  
Non Explosive

SPECIFIC HAZARDS: In case of fire, formation of carbon monoxide, nitrogen oxide,

PROTECTIVE MEASURES IN FIRE: Firemen have to wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Use of goggles and rubber gloves if necessary
SPILL CLEAN UP METHODS:	Brush up and re-bag if still usable. Waste material to be disposed of at local waste site, Dispose of according to Federal, State and Local Regulations

## 7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	When handling observe the usual precautionary measures for rubber granules.
STORAGE PRECAUTIONS:	Keep container tightly closed in a cool dry and well ventilated area. Avoid product temperatures above 100°C, and below -5°C.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:	
ENGINEERING MEASURES:	Respiratory protection: Required at inadequately ventilated workplaces. If the product is particularly dusty wear (for short periods only) particulate filter mask (should be of a type approved by the Health and Safety Executive).
HAND PROTECTION:	Wear suitable protective plastic or rubber impermeable disposable gloves (synthetic rubber) polybutadiene
EYE PROTECTION:	Wear suitable protective tightly fitting safety goggles / glasses or ones with side shields
HYGIENE MEASURES:	Wash hands before breaks and at end of work. Keep working clothes separate.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Form P.H. Value Ignition Temperature	Solid Granular Neutral above 350°C
COLOUR:	ALL	
ODOUR:	Characteristic	
SOLUBILITY:	insoluble, non - reactive	
RELATIVE DENSITY:	app 1.1g/cm <sup>3</sup>	
VAPOUR PRESSURE:	N/A	
FLASH POINT(°C):	above 500°C	
FLAMMABILITY LIMIT-UPPER (%)	Not Determined	

## 10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions
CONDITIONS TO AVOID:	Heat, flames, and sparks
HAZARDOUS DECOMPOSITION PRODUCTS:	No hazardous decomposition products when stored and handled correctly.

## 11. TOXICOLOGICAL INFORMATION

INHALATION:	This product is a respiratory irritant
	<b><u>Effect on the respiratory organs:</u></b>
	Cause irritation of the mucous membranes on the chest, sometimes accompanied by breathing difficulties and headaches. Delayed appearance of the symptoms and allergic reaction in susceptible persons possible.
SKIN CONTACT:	In case of longer contact with skin, tanning and irritating effects are possible.
EYE CONTACT:	Causes slight temporary reddening and swelling of the conjunctiva and slight reversible clouding of the cornea.
OTHER HEALTH EFFECTS:	No detrimental effects to health are known where the product is handled properly and industrial hygiene precautions are observed

## 12. ECOLOGICAL INFORMATION

BIOACCUMULATION:	No data is available on the product itself
ECOTOXICITY:	No data is available on the product itself
DEGRADABILITY:	Previous experience shows that polyurea is inert and non-degradable.

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Waste: May be transported to controlled incinerator if local official regulations are observed.
	Empty containers: May be transported to controlled incinerator if local official regulations are observed.

## 14. TRANSPORT INFORMATION

CHIP SYMBOLS:

### LAND TRANSPORT

ADR Not classified as dangerous good under transport regulations

RID Not classified as dangerous good under transport regulations

### INLAND WATERWAY TRANSPORT

ADNR Not classified as dangerous good under transport regulations

### SEA TRANSPORT

IMDG Not classified as dangerous good under transport regulations

EMS: Not classified as dangerous good under transport regulations

### AIR TRANSPORT

IATA Not classified as dangerous good under transport regulations

ICAO Not classified as dangerous good under transport regulations

## 15. REGULATORY INFORMATION

### RISK PHRASES:

R 20: Harmful by inhalation.  
R 36/37/38 Irritating to eyes, respiratory system and skin.

### SAFETY PHRASES:

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 28: After contact with skin, wash immediately with plenty of water and soap.  
S 38: In case of insufficient ventilation, wear suitable respiratory equipment  
S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## 16. OTHER INFORMATION

### REVISION DATE:

The Health and Safety Executive have produced two pieces of guidance on the subject of isocyanates. Isocyanates: toxic hazards and precautions. (EH16) and Isocyanates; medical surveillance (MS8). The guidance in these publications should be implemented.

**THE DATA GIVEN HERE IS BASED ON CURRENT KNOWLEDGE AND EXPERIENCE. THE PURPOSE OF SAFETY DATA SHEET IS TO DESCRIBE THE PRODUCTS IN TERMS OF THEIR SAFETY REQUIREMENTS. THE DATA DOES NOT SIGNIFY ANY WARRANTY WITH REGARD TO THE PRODUCTS' PROPERTIES.**