

INSTAGREEN S.A.

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MATERIAL SAFETY DATA SHEET**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY / UNDERTAKING**PRODUCTNAME: EPDM GRANULES
SUPPLIER: INSTAGREEN S.A.**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Name	Content	Classification
EPDM GRANULES		

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

3. HAZARDS IDENTIFICATIONEMERGENCY 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: 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: CO², 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

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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 Neutral above 350°C
COLOUR:	ALL	
ODOUR:	Characteristic	
SOLUBILITY:	insoluble, non - reactive	
RELATIVE DENSITY:	app 1.1g/cm ³	
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.

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11. TOXICOLOGICAL INFORMATION

INHALATION:	This product is a respiratory irritant
	<u>Effect on the respiratory organs:</u>
	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
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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

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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.