

Safety data Sheet

According to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 03.01.2018

Trade name / Substance name: **EPDM GRANULES**

(*) concerns only chemical notification

(**) either 3.1 or 3.2 must be filled

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1	Product identifier
	Trade name / Substance name EPDM GRANULES
	REACH Registration number N/A
1.2	Relevant identified uses of the substance or mixture and uses advised against
	The uses of the chemical Sport surfaces, playgrounds
	Classification of economic activities (NACE) (*) N/A
	Use categories (UC62) (*) N/A
	The chemical can be used by the general public (*) N/A
	The chemical is used by the general public only (*) N/A
1.3	Details of the supplier of the Safety Data Sheet
	Company Zakład Przemysłu Gumowego STARGUM, Jan Stankiewicz
	Street address ul. Ciepła 7
	Postcode and post office 73-110 Stargard
	Post-office box -
	Postcode and post office -
	Telephone number +48 91 578 80 08
	Telefax +48 91 577 77 68
	E-mail address biuro@stargum.pl
	Finnish Business ID (Y code) (*) -

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1.4 Emergency telephone number

France Poison Information Centre

-Hopital Central 29 avenue du Marechal de Lattre de Tassigny, 54035 Nancy Cedex

+33 3 83 22 50 50

- Institut national de recherché et de securite (INRS)

+33 1 40 44 30 00

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The substance is not classified according to CLP regulations

2.2 Label elements

N/A

2.3 Other hazards

Unknown

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances (**)

Main constituent / constituent	CAS-, EC- or index number	Concentration
EPDM Rubber	25038-36-2	24-26 %
Filling	1317-65-3, 1332-58-7	60 %
Additives	57-11-14, 1314-13-2	2-3 %
Softeners	848301-69-9	5-8 %
Crosslinking agents	7704-34-9, 136-23-2, 120-78-5, 137-26-8	1,0-1,5 %

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Special measures are not necessary

4.2 Most important symptoms and effects, both acute and delayed

No data is available

4.3 Indication of any immediate medical attention and special treatment needed

No data is available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

CO₂, extinguishing powder or spray jet

5.2 Special hazards arising from the substance or mixture

Do not inhale product vapors. Vapors are harmful to health

5.3 Advice for firefighters

In case of extensive fire or fire in a confined or poorly ventilated area use full flame retardant clothing and self-contained breathing apparatus

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SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1	Personal precautions, protective equipment and emergency procedures Not necessary
6.2	Environmental precautions Do not flush into public sewer or water system
6.3	Methods and material for containment and cleaning up Remove mechanically. Collect spilled material and place in suitable containers for recycling or disposal.
6.4	Reference to other sections See Section 8 for information on personal protection equipment. See Section 13 for disposal information.
SECTION 7: HANDLING AND STORAGE	
7.1	Precautions for safe handling Special measures are not necessary
7.2	Conditions for safe storage, including any incompatibilities Keep away from heat, sparks and flame. No smoking, open flames or sources of ignition in handling and storage area. Store in a dry place. Storage temperature: max. 30° C
7.3	Specific end use(s) No data is available
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1	Control parameters National occupational exposure limit values Not required Other limit values Not required DNEL N/A PNEC N/A
8.2	Exposure controls Appropriate engineering controls Not necessary Eye / face protection Not necessary Skin protection Not necessary Hand protection Protective gloves only as a protection against dirt, made of any material Respiratory protection Not necessary Thermal hazards N/A

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
9.1	Information on physical and chemical properties
Appearance	Granules
Odour	Characteristic
Odour threshold	Undefined
pH	Not applicable
Melting point/freezing point	is not specified
Initial boiling point and boiling range	is not specified
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	not inflammable
Upper/lower flammability or explosive limits	Not applicable. Product is not explosive
Vapour pressure	Not applicable
Vapour density	Not applicable
Relative density	Not applicable
Density (20°C)	1,6 +/- 0,03 g/cm ³
Solubility(ies) in water	Not soluble
Partition coefficient: n-octanol/water	Undefined
Auto-ignition temperature	Not applicable
Decomposition temperature	Undefined
Viscosity	is not specified
Explosive properties	Not applicable
Oxidising properties	Not applicable

9.2 Other information

Hardness Shore'a A 60 +/-5

Dissolves in all non-polar solvents

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

The product is not reactive

10.2 Chemical stability

Stable under recommended storage conditions.

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10.3	Possibility of hazardous reactions
	Unknown
10.4	Conditions to avoid
	It is recommended to keep the product away from heat sources / open flames / hot surfaces. Avoid exposure to direct sunlight
10.5	Incompatible materials
	No data is available
10.6	Hazardous decomposition products
	No data is available

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

According to contemporary professional knowledge the product is not considered hazardous for people and it has no adverse effects on man's health. It is not regarded as dangerous according to the directive No. 1999/45/EC.

Skin corrosion/irritation

Based on available data, classification criteria are not met

Serious eye damage/irritation

Based on available data, classification criteria are not met

Respiratory or skin sensitisation

Based on available data, classification criteria are not met

Germ cell mutagenicity

Based on available data, classification criteria are not met

Carcinogenicity

Based on available data, classification criteria are not met

Reproductive toxicity

Based on available data, classification criteria are not met

STOT-single exposure

Based on available data, classification criteria are not met

STOT-repeated exposure

Based on available data, classification criteria are not met

Aspiration hazard

Based on available data, classification criteria are not met

Other information

Not applicable

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SECTION 12: ECOLOGICAL INFORMATION	
12.1	Toxicity
	The product does not endanger the environment
12.2	Persistence and degradability
	Within the environment, it is an extraneous substance with a very slow decomposition. It decays when exposed to UV radiation. It is insoluble in water
12.3	Bioaccumulative potential
	No data is available
12.4	Mobility in soil
	No data is available
12.5	Results of PBT and vPvB assessment
	The substance does not meet the criteria for PBT or vPvB according to Annex XIII of the REACH Regulation
12.6	Other adverse effects
	No data is available
SECTION 13: DISPOSAL CONSIDERATIONS	
13.1	Waste treatment methods
	Any disposal practice must be in compliance with a local and laws regulations.
SECTION 14: TRANSPORT INFORMATION	
14.1	UN number
	Not applicable
14.2	UN proper shipping name
	Not applicable
14.3	Transport hazard class(es)
	Not applicable
14.4	Packing group
	Not applicable
14.5	Environmental hazards
	Not applicable
14.6	Special precautions for user
	Not applicable
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
	Not applicable
SECTION 15: REGULATORY INFORMATION	
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
	Not required
15.2	Chemical safety assessment
	European Union: Regulation of the European parliament and of the Council (EC) No. 1272/2008 and with the Directive No. 67/548/EEC/ Regulation (EC) No. 1907/2006, Regulation (EC) No. 1272/2008, Regulation (EC) No. 453/2010

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SECTION 16: OTHER INFORMATION

Indication of changes

Section 1-16 – change of the MSDS design

Key literature references and sources for data

Employer is obliged according to the Article 35 of the Regulation of the EP and Council (EC) No.1907/2006 to make information from the Data Sheet accessible to all employees who use this product, or who are exposed to its effects during the work as well as to representatives of these employees.

List of relevant R-and S-phrases or/and safety and precautionary statements

R-phrases: not applicable

S-phrases: 16, 22

S 16 - Keep away from sources of ignition – No smoking

S 22 - Do not breathe dust

Declaration: the Safety Data Sheet has been elaborated in accordance with the Regulation of the EP and of the Council (EC) No. 453/2010 and replaces the Safety Data Sheet elaborated according to the Regulation (EC) No. 1907/2006 REACH, Appendix II. It contains all data that is necessary for securing safety and health protection at work and for protection of environment. This data does not replace qualitative specification and cannot be regarded as a guarantee for suitability and usability of this product for a concrete application. All the data mentioned correspond with the contemporary knowledge and experiences and is in line with legal regulations of the EU. The purchaser is responsible for observance of valid regional legal regulations.