

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM
Registration number REACH : Not applicable (article)
Product type REACH : Article

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Construction – Waterproofing solution for commercial, industrial and residential roofing applications
Lining - Waterproofing solution for a wide variety of agricultural, industrial and commercial applications
Waterproofing solution for residential water features

1.2.2 Uses advised against

No uses advised against known

1.3. Details of the supplier of the Product Safety Information Sheet

Supplier of the safety data sheet

Holcim Solutions and Products EMEA
Ikaroslaan 75
B-1930 Zaventem
☎ +32 2 711 44 50
compliance-emea-hbe@holcim.com

1.4. Emergency telephone number

24h/24h :
+32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

2.2. Label elements

Labelling does not apply to articles

2.3. Other hazards

No other hazards known

SECTION 3: Composition/information on ingredients

This article does not contain any notifiable substances

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

If you feel unwell, seek medical advice.

After inhalation:

Not applicable.

After skin contact:

Not applicable.

After eye contact:

Not applicable.

After ingestion:

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

4.2.1 Acute symptoms

After inhalation:

Unlikely to cause harmful effects.

After skin contact:

Unlikely to cause harmful effects.

After eye contact:

Unlikely to cause harmful effects.

After ingestion:

Unlikely to cause harmful effects.

4.2.2 Delayed symptoms

No effects known.

4.3. Indication of any immediate medical attention and special treatment needed

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Small fire: Quick-acting ABC powder extinguisher, Class A foam extinguisher, Water (quick-acting extinguisher, reel).

Major fire: Water, Class A foam.

5.1.2 Unsuitable extinguishing media:

Small fire: Quick-acting BC powder extinguisher, Quick-acting CO2 extinguisher.

5.2. Special hazards arising from the substance or mixture

Upon combustion: CO and CO2 are formed.

5.3. Advice for firefighters

5.3.1 Instructions:

No specific fire-fighting instructions required.

5.3.2 Special protective equipment for fire-fighters:

Gloves (EN 374). Protective clothing (EN 14605 or EN 13034). Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No naked flames. Exposure to fire/heat: keep upwind. Exposure to fire/heat: have neighbourhood close doors and windows.

6.1.1 Protective equipment for non-emergency personnel

See section 8.2

6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Protective clothing (EN 14605 or EN 13034).

Suitable protective clothing

See section 8.2

6.2. Environmental precautions

No data available

6.3. Methods and material for containment and cleaning up

Pick-up the material. Wash clothing and equipment after handling.

6.4. Reference to other sections

See section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from naked flames/heat. Keep away from sources of punctures or physical damage. Observe normal hygiene standards. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Meet the legal requirements. Store at room temperature. Store in a dry area. Keep container in a well-ventilated place. Keep only in the original container. Keep out of direct sunlight.

7.2.2 Keep away from:

Heat sources, oxidizing agents, reducing agents, (strong) acids, (strong) bases, oils-fats, Petroleum based products.

7.2.3 Suitable packaging material:

Plastics.

7.2.4 Non suitable packaging material:

No data available

7.3. Specific end use(s)

Not applicable

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

If applicable and available it will be listed below.

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 Threshold values

If applicable and available it will be listed below.

8.1.5 Control banding

If applicable and available it will be listed below.

8.2. Exposure controls

8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Keep away from sources of punctures or physical damage.

8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Do not eat, drink or smoke during work.

a) Respiratory protection:

Respiratory protection not required in normal conditions.

b) Hand protection:

Protective gloves against chemicals (EN 374).

c) Eye protection:

Eye protection not required in normal conditions.

d) Skin protection:

Protective clothing (EN 14605 or EN 13034).

8.2.3 Environmental exposure controls:

See sections 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Solid film
Colour	Black
Odour	Rubbery smell
Odour threshold	No data available in the literature
Melting point	> 130 °C
Boiling point	Not applicable (article)
Flammability	Not classified as flammable
Explosion limits	Not applicable (article)
Flash point	Not applicable (solid)
Auto-ignition temperature	No data available in the literature
Decomposition temperature	No data available in the literature
pH	Not applicable (non-soluble in water)
Kinematic viscosity	Not applicable (solid)
Dynamic viscosity	Not applicable (solid)
Solubility	Water ; insoluble
Log Kow	Not applicable (article)
Vapour pressure	No data available in the literature
Absolute density	No data available in the literature
Relative density	No data available in the literature
Relative vapour density	No data available in the literature
Particle size	Not applicable (article)

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Heating increases the fire hazard.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Precautionary measures

Keep away from naked flames/heat. Keep away from sources of punctures or physical damage.

10.5. Incompatible materials

Oxidizing agents, reducing agents, (strong) acids, (strong) bases, oils-fats, Petroleum based products.

10.6. Hazardous decomposition products

Upon combustion: CO and CO₂ are formed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1.1 Test results

Acute toxicity

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

Conclusion

Not classified for acute toxicity

Corrosion/irritation

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

Conclusion

Not classified as irritating to the respiratory system

Not classified as irritating to the skin

Not classified as irritating to the eyes

Respiratory or skin sensitisation

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

Conclusion

Not classified as sensitizing for inhalation

Not classified as sensitizing for skin

Specific target organ toxicity

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

Mutagenicity (in vivo)

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

Conclusion

Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

Conclusion

Not classified for carcinogenicity

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Reproductive toxicity

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

Conclusion

Not classified for reprotoxic or developmental toxicity

Aspiration hazard

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

Not classified for aspiration toxicity

Toxicity other effects

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

11.2. Information on other hazards

No evidence of endocrine disrupting properties

SECTION 12: Ecological information

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

No (test) data available

Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2. Persistence and degradability

Water

Biodegradability in water: no data available

12.3. Bioaccumulative potential

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (article)			

Conclusion

No bioaccumulation data available

12.4. Mobility in soil

Not applicable (article)

12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties

12.7. Other adverse effects

RubberGard™ EPDM LSFR, RubberGard™ EPDM SA LSFR, RubberCover™ EPDM, RubberCover™ SA, GeoGard™ EPDM, PondGard™ EPDM

Greenhouse gases

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 2024/573)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 2024/590)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Can be considered as non hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997. The waste code must be assigned by the user, preferably in consultation with the (environmental) authorities concerned.

13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

13.1.3 Packaging/Container

European Union

Waste material code packaging (Directive 2008/98/EC).
15 01 02 (plastic packaging).

SECTION 14: Transport information

Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

14.1. UN number or ID number	Transport	Not subject
14.2. UN proper shipping name		
14.3. Transport hazard class(es)		
	Hazard identification number	
	Class	
	Classification code	
14.4. Packing group		
	Packing group	
	Labels	
14.5. Environmental hazards		
	Environmentally hazardous substance mark	no
14.6. Special precautions for user		
	Special provisions	
	Limited quantities	
14.7. Maritime transport in bulk according to IMO instruments		
	Annex II of MARPOL 73/78	Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
	No data available in the literature

REACH registration

All ingredients of this mixture that according to REACH regulation have (need to be) registered are (pre)registered.

REACH Candidate list

Not enumerated in candidate list of substances of very high concern (SVHC) for authorisation (Article 59 of Regulation (EC) No 1907/2006)

REACH Annex XIV - Authorisation

Not enumerated in Annex XIV of Regulation (EC) No 1907/2006: list of substances subject to authorisation

REACH Annex XVII - Restriction

Not subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Other relevant data

No data available

15.2. Chemical safety assessment

No chemical safety assessment is required.

SECTION 16: Other information

(*)	INTERNAL CLASSIFICATION BY BIG
ADI	Acceptable daily intake
AOEL	Acceptable operator exposure level
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
BEI	Biological Exposure Indices
CLP (EU-GHS)	Classification, labelling and packaging (Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EC10	Effect Concentration 10 %
EC50	Effect Concentration 50 %
ErC50	EC50 in terms of reduction of growth rate
GLP	Good Laboratory Practice
LC0	Lethal Concentration 0 %
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
LOAEC/LOAEL	Lowest Observed Adverse Effect Concentration/Lowest Observed Adverse Effect Level
NOAEC/NOAEL	No Observed Adverse Effect Concentration/No Observed Adverse Effect Level
NOEC/NOEL	No Observed Effect Concentration/No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration

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STP Sludge Treatment Process
vPvB very Persistent & very Bioaccumulative

The information in this Product Safety Information Sheet informs on the properties of certain substances, preparations or mixtures incorporated in the article. The Product Safety Information Sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this Product Safety Information Sheet does not release the user from the obligation to take all measures dictated by common sense, regulations, the guidelines of the manufacturer and recommendations or which are necessary and/or useful based on the real applicable circumstances. The Product Safety Information Sheet constitutes merely of guidelines and recommendations. The information in this Product Safety Information Sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. New Product Safety Information Sheets are written from time to time. Only the most recent versions may be used. Unless indicated otherwise word for word on the Product Safety Information Sheet, the information does not apply to other, even similar products. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This Product Safety Information Sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this Product Safety Information Sheet is subject to the licence and liability limiting conditions as stated in the agreement between BIG and the manufacturer of this product or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

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