

EPDM

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 Product Name

EPDM – Ethylen-Propylen-Dien-Kautschuk

1.2 Supplier Information

Premier Sealant Systems Ltd., Mercia Way, Foxhills Industrial Park, Scunthorpe, North Lincolnshire, DN15 8RE

T: 01724 864 100

2. COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Description

Formulation based on elastomers with minerals and organic fillers, plasticisers and various ingredients, without halogen, sulphur vulcanized.

2.2 Hazardous Ingredients

None.

3. POSSIBLE HAZARDS

3.1 Hazard Description

None.

3.2 Particular Hazard Information for Human and Environment

None.

4. FIRST AID MEASURES

4.1 General Information

For hypersensitive reactions seek medical advice.

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4.2 After Inhalation

Not relevant.

4.3 After Contact With Skin

For hypersensitive reactions on skin seek medical advice.

4.4 After Contact With Eyes

For hypersensitive reactions on eyes seek medical advice.

4.5 After Swallowing

Rinse mouth and consult doctor.

4.6 Information for Doctor

None.

5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Agents

Water, CO², dry powder.

5.2 Unsuitable Extinguishing Agents

None.

5.3 Hazardous Combustion Products

Oxides of carbon, oxides of sulphur.

5.4 Special Protection Equipment

In case of fire use independent protective breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

Not applicable.

6.2 Environmental Protection Measures

Not applicable.

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6.3 Method for Cleaning

Not applicable.

6.4 Additional Information

Not applicable.

7. HANDLING AND STORAGE

7.1 Handling

The handling must take place in a sufficiently ventilated facility or must be equipped with an aspiration system. Inhalation of vapours and dust must be avoided.

7.2 Storage

There is no danger when stored / during storage.

8. EXPOSURE CONTROL – PERSONAL PROTECTION

8.1 Information About Design and Techn. Facilities

None.

8.2 Components with Workplace Control Parameters

None.

8.3 Personal Protection Equipment

General Protective and Hygiene Measures	Normal skin cleaning after work
Breathing Protection	In case of dust formation, wearing an EN 149 FFP2 approved mask is recommended
Hand Protection	Only in cases of exceptional skin allergies are soft cotton gloves are recommended
Eye Protection	If dust is generated during processing recommend protective glasses with side protection are recommended
Skin Protection	Not necessary

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Form	Microporous solid, flexible and elastic
Colour	Black
Smell	Slight ammonia smell

9.2 Relevant Safety Data

State Change	Temperature	Accordinging
Boiling Point Range	xx °C	No standard
Softening Point Range	xx °C	No standard
Solidifying Point Range	xx °C	No standard
Dripping Point Range	xx °C	No standard
Melting Point Range	xx °C	No standard
Flash Point	xx °C	No standard
Flammability	xx °C	No standard
Ignition Temperature	350°C	No standard
Self Igniting Point	350°C	No standard

9.3 Fire Stimulating Properties

Not applicable.

9.4 Explosion Hazard

Explosion Limits	Lower	Top
Vapour Pressure	xx hPa at xx °C	xx hPa at xx °C
Density	0.06 g/cm ³ at 20°C	0.56 g/cm ³ at 20°C
Bulk Density	xx kg/m ³ at xx °C	xx kg/m ³ at xx °C
Solubility in Water	N/A	N/A
At app.	xx g/l at xx °C	xx g/l at xx °C
pH-value	xx at xx g/l	water at 25°C

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Viscosity	xx at mPa at xx °C	xx at mPa at xx °C
Solvent-separation Test	xx %	
Solvent Content	xx %	

10. STABILITY AND REACTIVITY

10.1 Conditions to Avoid

Not applicable.

10.2 Material to Avoid

Not applicable.

10.3 Hazardous Decomposition Products

During slow or incomplete combustion some toxic gases may be emitted containing mainly CO, CO² but also HCN and SO² in smaller quantities.

11. TOXICOLOGICAL INFORMATION

11.1 Information for Component

None.

11.2 Acute Toxicity

The product does not present any toxicological risks and does not contain any substance that is listed in CMR.

11.3 Subacute Toxicity

Not applicable.

11.4 Experience on Humans

According to our experience and the information provided to us, no adverse health effects.

12. ECOLOGICAL INFORMATION

12.1 Elimination Information (Persistence and degradability)

Based on data available to us and our experience there is no danger to the environment when properly disposed.

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12.2 Behaviour in Environment

Not applicable.

12.3 Conditions to Avoid

Not applicable.

12.4 Ecological Effects

Not applicable.

12.5 Additional Ecological Information

Not applicable.

12.6 General Information

No environmental effects is used as directed.

13. DISPOSAL

13.1 Product

Waste Code	EAK 07 02 99
Waste	Cellular rubber
Dangerous Accordance	No
Recommendation	Disposal in accordance with official regulations

13.2 Uncleaned Packaging

Recommendation	None
Recommended Cleaning Agent	None

14. TRANSPORT INFORMATION

14.1 Overload (ADR/RID and GGVS/GGVE)

ADR/RID – GGVS/E	Class of: ---	Number/Letter: ---
Warning Board	Hazard No. ---	Material No. ---
Designation of Goods	Not applicable	
Comments	Non hazardous	

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14.2 Inland Waterways (ADN and ADNR)

AND - ADNR	Class of: ---	Number/Letter: ---
Warning Board	Hazard No. ---	Material No. ---
Designation of Goods	Not applicable	
Comments	Non hazardous	

14.3 Maritime Traffic (IMDG / GGVSee)

IMDG / GGVSee	Class of: ---	UN-Nr. ---	PG: EMS-Nr. ---
MFAG	Maritime Pollutant: No		
Real Techn. Name	Not applicable		
Comments	Non hazardous		

14.4 Air Traffic (IICAO-TI and IATA-DGR)

ICAO / IATA	Class of: ---	UN-Nr. ---	PG: EMS-Nr. ---
Real Techn. Name	Not applicable		
Comments	Non hazardous		

Not dangerous for transportation. Keep away from food.

15. REGULATORY INFORMATION

15.1 Designation According EC Directives

Code Letter and Hazard Designation of Product	Not subject to classification
Hazard-determining Components of Labelling	Not applicable
Special Labelling for Certain Preparations (According to Annex II of the Preparations Directiv 89/379/EEC Line)	Not applicable

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15.2 National Rules

Additional Classification According to EEC Annex II No.	Not applicable
Information on Working Limitations	Not applicable
Incident Regulation	Not applicable

Vbf Class ---	Temperature cl. According DIN 57165 ---	Firelca. According DIN 14011 ---	
TA-air Class ---	Digit ---	Share In % ---	At Liquids ---
Water Hazard Class	0		Self-classification
Other Regulations, Limitations and Prohibitive Regulations			None

16. OTHER INFORMATION

The information is based on our present state of knowledge, however does not represent a guarantee of the products properties.

The information has been carefully determined, liability is excluded.

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