EPDM Couplings

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Issue: 4

1. Identification of the Substance/Preparation and Company:

Product Name: EPDM Flexible Couplings

Application: Generally used in pipe connection systems in plumbing, drain, Waste or sewers.

Company Details: Flexseal Couplings Ltd, Endeavour Works, Newlands Way, Valley Park, Wombwell, Barnsley, S73 0UW

Contact Details: Tel: +44(0)1226 340222

Operating Hours: Mon-Thurs 8:30am-5pm, Friday 8:30am-4pm

Date SDS Prepared: May 2019

2. Composition/Information on Ingredients:

Couplings are a finished article. Assembled from a moulded flexible EPDM compound material *(Ethylene propylene terpolymer & Ethylene propylene copolymer) (Av 90%)* and stainless steel bands *(Av 10%)*. All additives are encapsulated within the material matrix and should present no hazard under normal conditions of use.

Hazardous Ingredients (specific): *(EPMD & 316 Stainless Clamp)*	**%**	**CAS No:**	**Classification:**
Mineral filler, silica or carbon black reinforced	-	-	-
Zinc oxide and stearic acid activation	-	-	-
Paraffinic oil plasticisation	-	-	-
Phenolic or amine derived antioxidants and antiozonants	-	-	-
Organic accelerators in combination with sulphur for conventional curing	-	-	-
Peroxides for sulphurless curing	-	-	-
Miscellaneous additives include pigments, resins, lubricants, process aids and activators	-	-	-
Carbon	0.007	7440-44-0	-
Silicon	0.1	7440-21-3	-

Manganese	0.2	7439-96-5	-
Phosphorus	0.0045	7723-14-0	-
Sulphur	0.0015	63705-05-5	-
Chromium	1.65	12082-46-1	-
Molybdenum	0.2	51733-17-6	-
Nickel	1	7440-02-0	-
Nitrogen	0.01	7727-37-9	-
Iron	6.827	7439-89-6	-

3. Hazards Identification:

Not classified as hazardous.

4. First Aid Measures:

Skin Contact:	No special precautions other than normal hygienic working practices.
Eye Contact:	No special precautions
Inhalation:	The product is not expected to present an inhalation hazard unless melted during fire. If fumes are inhaled, remove to fresh air and seek medical attention.
Ingestion:	Not applicable.

5. Fire-Fighting Measures:

For major fires call the fire brigade. Ensure that an escape path is available from any fire.

Suitable Extinguishing Media:	Foam, dry chemical, carbon dioxide or fine water spray
Unsuitable Extinguishing Media:	None known
Hazardous Combustion Products:	Decomposition and combustion products produce dense smoke containing toxic gases.
Fire Fighting Equipment:	Wear approved self-contained breathing apparatus and full protective clothing
Hazchem Code:	No code allocated

6. Accidental Release Measures:

Not applicable.

7. Handling and Storage:

No special provisions for handling or storage

8. Exposure Controls/Personal Protection:

Engineering Controls:	None required
Respiratory Protection:	Not required under normal conditions. In event of fire see section 5.
Eye Protection:	Not required.
Hand Protection:	Wear general industrial gloves

9. Physical and Chemical Properties:

Appearance: Moulded flexible coupling typically coloured black or grey

Physical state:	Solid	**pH:**	Not applicable
Odour:	Odourless	**Specific Gravity:**	1.2 – 1.38
Boiling Point:	Not applicabl	**Water Solubility:**	Insoluble
Flash Point:	Not applicable	**Vapor Pressure:**	Negligible
Explosion Limits:	Not applicable	**Melting Point:**	Not applicable

10. Stability and Reactivity:

Chemical Stability: Product is considered stable under normal conditions of use

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen chloride may be formed during combustion.

11. Toxicological Information:

Toxicity: None

12. Ecological Information:

Ecotoxicity: Not known

13. Disposal Considerations:

Disposal methods and containers: Can be disposed of by landfill in compliance with local and government regulations.

Special precautions for landfill or incineration: Not recommended for disposal by incineration.

14. Transport Information:

Not regulated for transport of dangerous goods.

15. Regulatory Information:

Not regulated.