

EPDM Couplings

Document Ref: SDS-001

August 2022

Issue: 5

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.

Fernco Ltd, Endeavour Works, Newlands Way, **Company Details:**

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: July 2022

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	-



Global leaders in Flexible Couplings, Drainage and Plumbing systems

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

The product is not expected to present an inhalation hazard unless Inhalation:

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.

Wear approved self-contained breathing apparatus and Fire Fighting Equipment:

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:

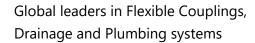
Engineering Controls: None required

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

Not applicable **Physical state:** Solid pH:

Odour: Odourless Specific Gravity: 1.2 - 1.38

Not **Boiling Point: Water Solubility:** Insoluble applicabl

Not Flash Point: **Vapor Pressure:** Negligible

applicable Not Not

Explosion Limits: Melting Point: applicable applicable

10. Stability and Reactivity:

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

Hazardous Decomposition Carbon monoxide, carbon dioxide, hydrogen chloride

Products: may be formed during combustion.

11. Toxicological Information:

Toxicity: None

12. Ecological Information:

Ecotoxicity: Not known

13. Disposal Considerations:

Disposal methods Can be disposed of by landfill in compliance with local and

and containers: government regulations.

Special precautions for Not recommended for disposal by incineration.

landfill or incineration:

Not regulated for transport of dangerous goods.

15. Regulatory Information:

14. Transport Information:

Not regulated.