SAFETY DATA SHEET
EPDM

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

1.1. Product identifier
Product name  EPDM

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

1.3. Details of the supplier of the safety data sheet
Supplier  Adshead Ratcliffe & Co. Ltd.
Derby Road, Belper
Derbyshire.
DE56 1WJ
Tel. (+44) 01773 826661
Fax. (+44) 01773 821215
sds@arbo.co.uk

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards  Not Classified
Health hazards  Not Classified
Environmental hazards  Not Classified

2.2. Label elements

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances
Product name  EPDM
Composition comments  Ethylene propylene diene monomer

SECTION 4: First aid measures

4.1. Description of first aid measures
General information  In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation  Unlikely route of exposure.
Ingestion  Unlikely, but should this occur seek medical advice.
Skin contact  Wash skin thoroughly with soap and water.
Eye contact  Not relevant.

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

Inhalation
No specific symptoms known.

Ingestion
May cause discomfort if swallowed.

Skin contact
No specific symptoms known.

Eye contact
May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed
Notes for the doctor
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
Foam, carbon dioxide or dry powder. Water spray, fog or mist.

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture
Specific hazards
Heavy, dense, black smoke is emitted upon burning.

Hazardous combustion products
Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters
Protective actions during firefighting
No specific firefighting precautions known.

Special protective equipment for firefighters
Wear self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
Place in suitable containers for recycle or disposal.

6.4. Reference to other sections
Reference to other sections
For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Usage precautions
Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities
Storage precautions
Store at moderate temperatures in dry, well ventilated area.

Storage class
Unspecified storage.

7.3. Specific end use(s)
Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters
EPDM

8.2. Exposure controls
Eye/face protection Not generally required.
Hand protection No specific hand protection noted.
Respiratory protection Not normally required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties
Appearance Solid.
Colour Black.
Odour Rubber.
Relative density 1.1 - 1.2
Decomposition Temperature > 250°C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability No particular stability concerns.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions Not applicable. Not relevant.

10.4. Conditions to avoid
Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Inhalation Not relevant at normal room temperatures. When heated, toxic vapours may be formed.
Eye contact Not relevant.

SECTION 12: Ecological Information

12.1. Toxicity
12.2. Persistence and degradability
Persistence and degradability This product is not expected to be readily biodegradable.

12.3. Bioaccumulative potential
12.4. Mobility in soil
12.5. Results of PBT and vPvB assessment
12.6. Other adverse effects
EPDM

SECTION 13: Disposal considerations

13.1. Waste treatment methods

**General information**  When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods**  No specific disposal method required.

SECTION 14: Transport information

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group
14.5. Environmental hazards
14.6. Special precautions for user
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

**EU legislation**  Regulation (EC) 1907/2006 REACH (as amended).
                      Regulation (EC) 1272/2008 CLP (as amended).

**Guidance**  Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

**General Information**  This document is outside the scope of Article 31 of REACH and is therefore not compiled in accordance with Annex II.

**Revision comments**  General review

**Revision date**  15/05/2017

**Revision**  2

**Supersedes date**  15/05/2017

**SDS number**  20292

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.