

Polygamma™ EPDM Membrane Material Safety Data Sheet

1) Identification Of The Substance/Preparation And Company

Identification Of The Substance: Polygamma™ EPDM Membrane. Grade RM.

PRODUCT CODE: RM

DESCRIPTION: Polymer Sheet

Manufacturer: Polygamma Industries Pvt Ltd

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2) Composition/Information On Ingredients

| Ingredients | CAS | TWA | STEL |
|---------------------------|------------|-----------|------|
| EPDM Polymer | 25038-36-2 | 10 mg/M3 | N/A |
| Carbon Black | 1333-86-4 | 3.5 mg/M3 | N/A |
| Sulphur | 7704-34-9 | N/A | N/A |
| Petroleum Hydrocarbon Oil | 8042-47-5 | N/A | N/A |

3) Hazards Identification

Physical and Chemical Hazard/Explosion and Fire Hazard:

- Low level of risk. Product could generate flammable mixtures or burn only if heated at temperature equal or above the flash point.

4) First Aid Measures

Inhalation

- Being a solid material there is no specific indication

Contact with Skin

- Being a solid material there is no specific indication

Contact with the Eyes

- This product is a solid inert material. If it has got into the eyes, remove it as any other solid material.

Ingestion

- Not applicable

5) Fire-Fighting Measures

Suitable Extinguishing Media

- Water jet, foam, dry powder.

Special Protective Equipment

- The firefighters must wear protective breathing equipment and protect their eyes

Dangerous Combustion Products

- In case of fire flammable hydrocarbon compounds may be released.

6) Accidental Release Measures

Scattering on the Ground

- Collect in proper containers the released product, for re-use or elimination
- An expert for the collected material disposal must be consulted in order to comply with the applicable laws.

Scattering in the Water

- Collect in proper containers the released product, for re-use or elimination
- An expert for the collected material disposal must be consulted in order to comply with the applicable laws.

7) Handling And Storage

| | |
|---|---|
| Storage temperature: | 25°C max |
| Handling//Precautions: | None during the use of the product. A proper ventilation near the working site must be provided |
| Transport temperature: | Ambient. Avoid direct sun rays on the material |
| Load/unload temperature: | Ambient. Avoid heat sources. |
| Transport/Storage pressure: | Atmospheric |
| Risk of electrostatic charge accumulation | Yes, use proper grounding measures |
| Shipping package | Loose in container or wooden case or iron case |
| Idoneous material and coating | Idoneous material and coating |

8) Exposure Controls/Personal Protection

| | |
|----------------------|-------------------------------------|
| Breathing protection | Dust mask in case of dust formation |
| Hand protection | Fabric gloves |
| Eye protection | No special measures are required |
| Body protection | Standard overall |

9) Physical And Chemical Properties

These values are given only as a reference. Please refer to product specification too.

Form Polymer sheet

Shape/Colour Black

Odour Light

| | | | |
|---|-----|-------------------|-----------------------|
| Flash point: | 250 | Gr.C | Decomposes |
| Auto-ignition temperature | | Gr.C | Not applicable |
| Explosion limits (in air) | | Vol% | Not applicable |
| Gas pressure (Gr.C) | | kPa | Non applicable |
| Density | | g/cm ³ | 1.20 -1.35 |
| Solubility in water (Gr.C) | | NO | Not soluble |
| Is hygroscopic material | | NO | |
| Viscosity | | cSt | Not applicable |
| Vaporization heat | | kJ/KG | Not available |
| Thermal expansion coefficient (Liq.) | | Gr.C | Not applicable, solid |

10) Stability And Reactivity

| | |
|--|--|
| Polymerization dangerous | No |
| Condition to avoid (polymerization) | Not applicable |
| Stability | Stable |
| Condition to avoid (stability) | Not applicable |
| Material and condition to avoid (incompatibility) | Temperature > 170°C |
| Hazardous decomposition products | Flammable hydrocarbons, Sulphur oxides |

11) Toxicological Information

At the usual working temperature in the rubber industry there are no hazards for the health, coming from the development of vapor. May generate skin sensibilisation in special cases

12) Ecological Information

No data is available. To be used as per good working practice, avoid scattering it in the ambient.

13) Advice On Disposal

This refers only to the finished product. Whenever it is in combination with other elements, a different disposal system must be followed. Whenever a doubt arises, contact your supplier or the Local Authorities.

In any case, the outmost care must be taken to respect EU, national or local legislation.

14) Transport Information

Product is not dangerous according to transport rules.

15) National Regulations

Labelling according to EU-guidelines: not required.

16) Other Information

All the information here contained refers only to the mentioned product and may be not valid if it is used in combination or in process with other ones. This information is the best in our possession at the date of the last issue as far as precision and reliability are concerned.

No guarantee is in any case supplied about precision, reliability or completeness of the information here given.

It is in fact responsibility of the user to make himself sure of completeness and identity of the information, in relation to the specific use of the product. The information is relative even for safety, health, protection of the ambient and correct use of the product