

Polygomma™ EPDM Membrane Material Safety Data Sheet

1) Identification Of The Substance/Preparation And Company

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

PRODUCT CODE: RM

DESCRIPTION: Polymer Sheet

Manufacturer: Polygomma Industries Pvt Ltd

A229, Antophill Warehousing Complex,

Vidyalankar College Road.

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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 applicabile
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