

## Polygamma™ EPDM Pond Liner Material Safety Data Sheet

### 1) Identification Of The Substance/Preparation And Company

**Identification Of The Substance:** Polygamma™ EPDM Pond Liner. Grade PL.

**PRODUCT CODE:** PL

**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

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

### 10) Stability And Reactivity

<b>Polymerization dangerous</b>	No
<b>Condition to avoid (polymerization)</b>	Not applicable
<b>Stability</b>	Stable
<b>Condition to avoid (stability)</b>	Not applicable
<b>Material and condition to avoid (incompatibility)</b>	Temperature > 170°C
<b>Hazardous decomposition products</b>	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