

**Safety Data Sheet**  
according to 1907/2006 / EC, Article 31

Date of creation: 03.09.2015  
Revised on: 03.09.2015  
Version: 1.0

Ralmont GmbH  
92361 Bergau  
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**RALMO<sup>®</sup>-EPDM**

**Section 1: Name of the substance or mixture and the company**

**1.1 Product identifier:**

Tradename: RALMO<sup>®</sup>-EPDM

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

Use of the substance / the mixture: EPDM sealing foil

**1.3 Details of the supplier who provides the safety data sheet:**

Company name: Ralmont GmbH  
Street: Pavelsbacher Straße 17  
City: D-92361 Bergau  
Telephone: +49 (0)9181 5120240 · Telefax: + 49 (0)9181 5120241  
E-Mail: info@ralmont.de · Contact Person: Mr. Thomas Eckstein  
Internet: <http://www.ralmont.de>

**1.4 Emergency number** Poison center Bonn, 24 hours daily, Tel. +49(0) 228-19240

**Section 2: Hazard Identification**

**2.1 Classification of the substance or mixture (REGULATION (EG) No. 1272/2008):**

The mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008.

**2.2 Label elements:**

Ingredients:	CAS number:
Carbon black	133-86-4
Polymer EPDM	25038-36-2

Other additives and plasticizers.

**2.3 Other dangers:**

It is not a dangerous product. According to the knowledge of the supplier, it does not contain any substances that are hazardous to health or the environment.

**Section 3: Composition/ information on ingredients**

**3.1 Mixtures:**

**Chemical characterization:**

Rubber-based product, terpolimero from ethylene, propylene diene,

**More information:**

There are no additional ingredients present which, according to the current knowledge of the supplier and in the applicable concentrations, are classified as hazardous to health or the environment and therefore require reporting in this section.

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### Section 4: First aid measures

#### 4.1 Description of first aid measures:

##### general information:

Hazards from the product as supplied:	None known
After inhalation:	None known
After skin contact:	If skin irritation or allergic reactions occur consult a doctor.
After eye contact:	None known
After swallowing:	None known

### Section 5: Firefighting measures

#### 5.1 Extinguishing media:

##### Suitable extinguishing media:

Water spray, carbon dioxide (CO<sub>2</sub>), foam, dry powder, water spray.  
Co-ordinate fire-fighting measures to the surroundings.

#### 5.2 Special hazards arising from the substance or mixture:

None known.

#### 5.3 Advice for firefighting:

In case of fire, use respirator mask that is independent from outside air.  
Wear personal protective equipment.

### Section 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing when working.

#### 6.2 Environmental precautions

Comply with local regulations.

#### 6.3 Methods and material for containment and cleaning up

Not specified.

#### 6.4 Reference to other sections

See also Section 8.13

### Section 7: Handling and storage

#### 7.1 Precautions for safe handling:

##### Advice on safe handling:

No dangers from the product in the delivery form.  
Wash hands before breaks and at the end of work. When using do not eat, drink or smoke.

##### Advice on protection against fire and explosion:

No special fire protection measures required.

#### 7.2 Conditions for safe storage taking into account incompatibilities:

##### Requirements for storage rooms and containers:

Store dry, from rain. Protect from the sun, heat and low temperatures

##### Advice on common storage:

No special actions required.

##### More information about the storage stability:

Not specified.

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### Section 8: Exposure controls / personal protection

#### 8.1 Parameters to be monitored:

Additional information on limit values: No substances with MAK values known

#### 8.2 Exposure limit and monitoring exposure:

##### Suitable technical control equipment:

Not applicable

Protective and hygiene measures:	Do not eat, drink or smoke.
General industrial hygiene measures:	
Eye / face protection:	Safety glasses
Hand protection:	Protective gloves
Body protection:	Long-sleeved work clothes
Respiratory protection:	Usually no personal respiratory protection necessary.

### Section 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties:

Physical state: Solid  
Color: Black coated  
Odor: Odorless

Test standard

PH value:

##### Changes of state:

Melting point: Not determined not applicable

##### Initial boiling point and boiling range:

Freezing point: <-40 ° C  
Flash point: > 180 ° C  
Density: 1.1 +/- 0.1 g / cm<sup>3</sup>  
Water solubility: insoluble

### Section 10: Stability and reactivity

#### 10.1 Reactivity:

No dangerous reactions known under normal conditions.

#### 10.2 Chemical stability:

Not specified.

#### 10.3 Possibility of hazardous reactions:

No dangerous reactions known under normal conditions.

#### 10.4 Conditions to avoid:

Stable under normal conditions.

#### 10.5 Incompatible materials:

Fats, mineral oils, petroleum products, aliphatic thinners, aromatic and acidic concentrates.

#### 10.6 Hazardous decomposition products:

Carbon monoxide, carbon dioxide, carbon microparticles.

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### Section 11: Toxicological information

#### 11.1 Information on toxicological effects Acute toxicity

Acute toxicity:	None under normal processing.
Irritant and corrosive effects:	None known. Usually none to be expected.
Sensitizing effects:	None known. Usually none to be expected.
Specific target organ toxicity single exposure:	None known.
Serious effects after repeated or prolonged exposure:	None known.
Carcinogenic, mutagenic and toxic effects for reproduction:	None known.
Aspiration hazard:	Not applicable.
Specific effects in experiment on an animal:	None known.

#### Experiences from practice:

Observations relevant for classification: This product is not known to have any harmful effects.

### Section 12: Ecological information

#### 12.1 Toxicity:

No ecotoxicological effects are known from this product.

#### 12.2 Persistence and degradability:

According to previous experience, this product is inert and not degradable.

#### 12.3 Bio accumulative potential

No data available

#### 12.4 Mobility in soil:

No data available

#### 12.5 Results of PBT- and vPvB-assessment:

No data is available for the product itself.

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT).

This mixture does not contain any substance that is considered to be very persistent or very bioaccumulating (vPvB).

#### 12.6 Other harmful effects:

If used as intended, no adverse effects on the environment are known or expected.

### Section 13: Disposal considerations

#### 13.1 Waste treatment methods:

##### Waste key product

070299 Waste from organic chemical processes; Waste from the MFSU of plastics, synthetic rubber and synthetic fibers; Waste a. n. g.

##### Waste key product residues

070299 Waste from organic chemical processes; Waste from the MFSU of plastics, synthetic rubber and synthetic fibers; Waste a. n. g.

##### Disposal of uncleaned packaging and recommended cleaning agents:

Disposal according to official regulations.

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### Section 14: Transport information

#### Land transport (ADR/RID)

**14.1 UN number:** Not hazardous according to these transportation regulations.  
**14.2 Proper UN shipping name:** Not hazardous according to these transportation regulations.  
**14.3 Transport hazard class:** Not hazardous according to these transportation regulations.  
**14.4 Packing group:** Not hazardous according to these transportation regulations.

#### Sea transport (IMDG)

**14.1 UN number:** Not hazardous according to these transportation regulations.  
**14.2 Proper UN shipping name:** Not hazardous according to these transportation regulations.  
**14.3 Transport hazard class:** Not hazardous according to these transportation regulations.  
**14.4 Packing group:** Not hazardous according to these transportation regulations.

#### Marine pollutant:

No

#### Air transport (ICAO)

**14.1 UN number:** Not hazardous according to these transportation regulations.  
**14.2 Proper UN shipping name:** Not hazardous according to these transportation regulations.  
**14.3 Transport hazard class:** Not hazardous according to these transportation regulations.  
**14.4 Packing group:** Not hazardous according to these transportation regulations.  
**14.5 Environmental hazards:**  
ENVIRONMENTALLY  
HAZARDOUS: No  
**14.6 Special precautionary measures for the user:**  
Not hazardous according to these transportation regulations.  
**14.7. Transport in bulk according to Annex II of MARPOL73 / 78 and the IBC Code:**  
Not hazardous according to these transportation regulations.

### Section 15: Regulatory information

#### **15.1 Safety, health and environmental regulations / legislation specific for the substance or the mixture:**

National regulations:  
Water hazard class: 1 - slightly hazardous to water  
Status: WGK self-classification

#### **15.2 Chemical safety assessment:**

Chemical safety assessments for substances in this mixture were not carried out.

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### Section 16: Other information

The product should be stored, handled and used in accordance with good industrial hygiene practices and in accordance with all legal requirements. The information is based on our current level of knowledge and is intended to describe our products with regard to safety requirements. They do not represent any assurance of product properties in the sense of the legal guarantee. The information from the safety data sheet is based on our current knowledge and the valid national and European laws, with reference to the working conditions of the users which are beyond our control and knowledge. The product must not be used for any other purpose. It is always the responsibility of the user to take the appropriate measures with regard to the underlying requirements of the legislation.

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*(The data on the hazardous ingredients were taken from the most recent safety data sheet of the upstream supplier.)*