

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

Revised: 01.07.2015

Version: 1.0

Ralmont GmbH

92361 Berggau

**Page 1 of 6**

**RALMO<sup>®</sup>-Butyl**

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

**1.1 Product identifier**

Trade name: Ralmo<sup>®</sup>-Butyl  
Substance group: Butyl

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

Profiled butyl sealing tape

**1.3 Details of the supplier providing the safety data sheet**

Company name: Ralmont GmbH  
Street: Pavelsbacher Straße 17  
Place: D-92361 Berggau  
Phone: +49 (0)9181 5120240 - Fax: + 49 (0)9181 5120241  
E-Mail: info@ralmont.de - Contact person: Mr. Thomas Eckstein  
Internet: <http://www.ralmont.de>

**SECTION 2: Possible hazards**

**2.1 Classification of the substance or mixture:**

Not classified as hazardous according to the criteria of Regulation (EC) No 1272/2008.

**2.2 Label elements:**

The product does not require labeling according to EC directives or the respective national laws.

**2.3 Other hazards:**

None known.

This mixture does not contain any substance considered to be persistent, bioaccumulative or toxic (PBT).

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

**3.2 Mixtures:**

**Chemical characterization:**

Sealing tape made of butyl rubber, polyisobutylene, fillers and auxiliaries.

**Additional information:**

There are no additional ingredients present which, according to the supplier's current knowledge, are classified as harmful to health or the environment in the applicable concentrations and would therefore have to be stated in this section.

**SECTION 4: First aid measures**

**4.1 Descriptions of first aid measures:**

**General measures:**

**Hazards due to the product in**

**delivery form:** none

Sticky material.

**After inhalation:** not applicable

Provide fresh air.

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Revised: 01.07.2015

Version: 1.0

Ralmont GmbH

92361 Berggau

Page 2 of 6

### After skin contact:

Wash skin thoroughly with soap and water or use recognized skin cleanser. In case of skin irritation or allergic reaction, consult a doctor.

### After eye contact:

Rinse thoroughly with plenty of water, also under the eyelids. Consult a medical specialist if eye irritation persists.

### After swallowing:

If you feel unwell, seek medical advice (show the label where possible).

### 4.2 Most important symptoms and effects, both acute and delayed:

No data available.

### 4.3 Indication of any immediate medical attention or special treatment needed:

symptomatic treatment

## SECTION 5: Fire Fighting Measures

### 5.1 Extinguishing media:

#### Suitable extinguishing media:

Water spray, carbon dioxide (CO<sub>2</sub>), foam, extinguishing powder. Adapt extinguishing measures to the environment.

#### Unsuitable extinguishing media:

Full jet of water

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

In case of fire may be released: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

### 5.3 Advice for firefighters:

In case of fire wear self-contained breathing apparatus. 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:

No special environmental precautions required.

Do not allow to enter surface water or sewage system.

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

Pick up mechanically. Clean floor and contaminated items with white spirit.

### 6.4 References to other sections:

See also sections 8

## SECTION 7: Handling and Storage

### 7.1 Precautions for safe handling:

#### Information for safe handling:

No hazards from product in delivery form. Sticky material.

Wash hands before breaks and at end of work. Do not eat, drink or smoke during use.

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

No special measures required.

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Revised: 01.07.2015

Version: 1.0

Ralmont GmbH

92361 Bergau

Page 3 of 6

### Further handling information:

Sticky material.

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

#### Requirements for storage rooms and containers:

Keep tightly closed, cool and dry.

#### Information about storage in one common storage facility:

No special measures required.

#### Further information about storage conditions:

Recommended storage temperature: +5 - +25 °C.

Storage class according to TRGS 510: 11 (Combustible solids, which cannot be assigned to any of the above mentioned LGK)

## SECTION 8: Exposure controls/personal protective equipment

### 8.1 Parameters to be monitored:

Additional information on limit values: No substances to be mentioned in particular.

### 8.2 Exposure controls:

#### Suitable technical control

**devices:** not applicable

**Protective and hygienic measures:** Do not eat, drink or smoke. General industrial hygiene measures.

**Eye/face protection:** safety goggles

**Hand protection:** Protective gloves according to EN 374.

Protective gloves made of polyvinyl alcohol or nitrile butyl rubber (=> 1mm), latex gloves (=> 1mm). Please observe the specifications of the glove supplier with regard to permeability and breakthrough time. Also consider the specific local conditions under which the product is used, such as cut hazard, abrasion and contact duration.

**Body protection:** long-sleeved work clothing.

**Respiratory protection:** Normally no personal respiratory protection necessary

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state: solid

Color: various

Odor: mild, weak

Test standard

pH value: not applicable

#### Changes in state:

Melting point: undetermined not applicable

#### Initial boiling point and boiling range:

Flash point: > 180 °C

Explosion hazards: not explosive

Lower explosion limit: not applicable

Upper explosion limit: not applicable

Density: 1.4 -1.7 g/cm<sup>3</sup>

Solubility in water: practically insoluble

Dyn. viscosity: not applicable

Kin. Viscosity: not applicable

Solvent content: 0 %

### 9.2 Other information

Decomposition temperature: depolymerization starts at > 200 °C.

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Revised: 01.07.2015

Version: 1.0

Ralmont GmbH

92361 Bergau

Page 4 of 6

### SECTION 10: Stability and Reactivity

#### 10.1 Reactivity:

No hazardous reactions known when handled as directed.

#### 10.2 Chemical stability:

The product is chemically stable.

#### 10.3 Possibility of hazardous reactions:

No hazardous reactions known when handled as directed.

#### 10.4 Conditions to avoid:

Stable under normal conditions.

#### 10.5 Incompatible materials:

Acids, organic solvent

#### 10.6 Hazardous decomposition products:

No hazardous decomposition products are known.

No decomposition under normal storage conditions.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects:

Acute toxicity:	None if used as directed.
Irritant and corrosive effects:	None known. None normally expected.
Sensitizing effects:	None known. None normally expected.
Specific target organ toxicity in case of single exposure:	None known.
Serious effects after repeated or prolonged exposure:	None known.
Carcinogenic, Mutagenic and and reproductive toxicity effects:	None known.
Aspiration hazard:	Not applicable.
Specific effects in animal studies:	None known.
<b>Practical experience:</b> Relevant to classification Observations:	No adverse health effects are known from this product.

### SECTION 12: Environmental information

#### 12.1 Toxicity:

There are no known ecotoxicological effects from this product.

#### 12.2 Persistence and degradability:

Based on previous experience, this product is inert and non-degradable.

#### 12.3 Bioaccumulative potential:

No information available.

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Revised: 01.07.2015

Version: 1.0

Ralmont GmbH

92361 Bergau

Page 5 of 6

### 12.4 Mobility in soil:

No information available.

### 12.5 Results of PBT and vPvB assessment:

No data are available for the product itself.

This mixture does not contain any substance considered to be persistent, bioaccumulative or toxic (PBT).

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

### 12.6 Other adverse effects:

No environmental adverse effects are known or expected when handled as directed.

The product sinks in water and does not dissolve.

## SECTION 13: Disposal information:

### 13.1 Waste treatment procedures:

Waste code product

070299: Wastes from organic chemical processes; wastes from the MFSU of plastics, synthetic rubber and man-made fibers; wastes not otherwise specified.

Waste code product residues

070299: Wastes from organic chemical processes; wastes from the MFSU of plastics, synthetic rubber and man-made fibers; wastes not otherwise specified.

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

Disposal in accordance with official regulations.

## SECTION 14: Transport information

Road (ADR/RID)

- |                                      |   |
|--------------------------------------|---|
| <b>14.1 UN number</b>                | Not a hazardous material as defined by these transport regulations. |
| <b>14.2 UN proper shipping name</b>  | Not a hazardous material as defined by these transport regulations. |
| <b>14.3 Transport hazard classes</b> | Not a hazardous material as defined by these transport regulations. |
| <b>14.4 Packing group</b>            | Not a hazardous material as defined by these transport regulations. |

Sea (IMDG)

- |                                      |   |
|--------------------------------------|---|
| <b>14.1 UN number</b>                | Not a hazardous material as defined by these transport regulations. |
| <b>14.2 UN proper shipping name</b>  | Not a hazardous material as defined by these transport regulations. |
| <b>14.3 transport hazard classes</b> | Not a hazardous material as defined by these transport regulations. |
| <b>14.4 Packing group</b>            | Not a hazardous material as defined by these transport regulations. |
- Marine pollutant: no

Air (ICAO)

- |  |   |
|--|---|
| <b>14.1 UN number</b>                        | Not a hazardous material as defined by these transport regulations. |
| <b>14.2 UN proper shipping name</b>          | Not a hazardous material as defined by these transport regulations. |
| <b>14.3 Transport hazard classes</b>         | Not a hazardous material as defined by these transport regulations. |
| <b>14.4 Packing group</b>                    | Not a hazardous material as defined by these transport regulations. |
| <b>14.5 Environmental hazards</b>            | ENVIRONMENTALLY HAZARDOUS: no                                       |
| <b>14.6 Special precautions for the user</b> | Not a hazardous material as defined by these transport regulations. |
- 14.7 Transport in bulk according to Annex II of MARPOL and according to the IBC Code:** Not a hazardous material as defined by these transport regulations.

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

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Version: 1.0

Ralmont GmbH  
92361 Bergau  
**Page 6 of 6**

## SECTION 15: Legislation

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

**Mixture:**

EU regulations:

VOC Directive data                      0.0 %.

2004/42/EC:

National regulations:

Water hazard class:                      1 - slightly hazardous for water

Status:    WGK self-classification

### 15.2 Chemical Safety Assessment:

Chemical safety assessments for substances in this mixture have not been performed.

## SECTION 16: Other information

**Changes:**

This data sheet contains changes to the previous version in the section(s): 1,2,3,11,14,15,16.

**Additional Information:**

This recommendation applies only to the product named in the safety data sheet supplied by us and the intended use stated by us.

The national legal regulations must also be observed!

This information describes exclusively the safety requirements of the product(s) and is based on the present state of our knowledge.

They do not represent any assurance of product properties in the sense of the legal warranty.

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*(The data of the hazardous ingredients were taken from the latest safety data sheet of the supplier).*