

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

Date of Creation:  
Version: 2.0

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92361 Berggau  
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**RALMO<sup>®</sup>-TAPE 4000**

**Section 1: Identification of the substance/mixture and of the company**

**1.1 Product identifier**

Trade name: RALMO<sup>®</sup>-TAPE 4000  
Category: Butyls

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

Use of the substance/mixture: Butyl tape laminated with HDPE film.

**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:**

Regulation (EC) No 1272/2008.  
The product does not require labeling according to EC directives or respective national laws.

**2.2 Label elements:**

Note on labeling  
The product does not require labeling according to EC Directives or 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:**

No additional ingredients are 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 Description of first aid measures:**

**General information:**

No hazards from product in delivery form.  
Sticky material.

**After inhalation:**

Not applicable  
Provide fresh air.

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**After skin contact:**

Wash skin thoroughly with soap and water or use approved skin cleanser.  
Seek medical attention if skin irritation or allergic reaction occurs.

**After eye contact:**

Rinse thoroughly with plenty of water, including under the eyelids. If eye irritation persists, consult a  
Consult a medical specialist.

**After ingestion:**

If you feel unwell, seek medical advice (show this 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 and 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.

**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 protection measures required.  
Do not allow to enter surface waters or drains.

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

Pick up mechanically. S40 - Clean floor and contaminated items with white spirit.

**6.4 Reference to other sections:**

See also section 8,13

### 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.

**Further handling information:**

Sticky material.

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### 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 on storage conditions:

Recommended storage temperature: +5 to +25 °C.  
Storage class according to TRGS 510: 11

## Section 8: Exposure controls/personal protection equipment

### 8.1 Parameters to be monitored:

#### Additional information on limit values:

No substances to be specifically mentioned.

### 8.2 Exposure controls:

#### Suitable technical control equipment:

Not applicable

#### Protective and hygienic measures:

Do not eat, drink or smoke during use.

#### Common Occupational Hygiene Measures:

##### Eye/face protection:

Safety glasses

##### 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, site-specific conditions under which the product will be used, such as cut hazard, abrasion and contact duration.

##### Body Protection:

Long-sleeved work clothing

##### Respiratory Protection:

Normally no personal respiratory protection required.

## Section 9: Physical and chemical properties

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

Physical state: solid  
Color: black  
Odor: mild, weak

#### Test standard:

pH value: not applicable

#### Changes in state:

Flash point: not applicable  
Lower explosion limit: not applicable  
Upper explosion limit: not applicable  
Solubility in water: practically insoluble

### 9.2 Other information:

Decomposition temperature: depolymerization starts at > 200 °C.

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### 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.

### 11: Toxicological information

**11.1 Information on toxicological effects:**

**Acute toxicity:**

None when used as directed.

**Irritant and corrosive effects:**

None normally expected.

**Sensitizing effects:**

None normally expected.

**Specific target organ toxicity single exposure:**

None known.

**Serious effects after repeated or prolonged exposure:**

None known.

**Carcinogenic, Mutagenic and Toxic for Reproduction Effects:**

None known.

**Aspiration hazard:**

Not applicable.

**Specific effects in animal studies:**

None known.

**Practical experience:**

**Observations relevant to classification:**

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 not degradable.

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### 12.3 Bioaccumulative potential:

No information available.

### 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: Notes on disposal

### 13.1 Waste treatment methods:

Waste code Product: 070299

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

Waste code product residues: 070299

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

Disposal of uncleaned packaging and recommended

Cleaning agents Disposal in accordance with official regulations.

## Section 14: Transport information

### Land transport (ADR/RID)

14.1 UN number: Not a dangerous good in the sense of these transport regulations.

14.2 Proper shipping name: No dangerous goods in the sense of these transport regulations.

UN shipping name:

14.3 Transport hazard classes: No dangerous goods within the meaning of these transport regulations.

14.4 Packing group: No dangerous goods in the sense of these transport regulations.

### Sea transport (IMDG)

14.1 UN number: No dangerous goods in the sense of these transport regulations.

14.2 Proper shipping name: No dangerous goods in the sense of these transport regulations.

UN shipping name:

14.3 Transport hazard classes: No dangerous goods within the meaning of these transport regulations.

14.4 Packing group: No dangerous goods in the sense of these transport regulations.

**Marine pollutant: no**

### Air transport (ICAO)

14.1 UN number: No dangerous goods in the sense of these transport regulations.

14.2 Proper shipping name: No Dangerous goods in the sense of these transport regulations.

UN shipping name:

14.3 Transport hazard classes: No dangerous goods within the meaning of these transport regulations.

14.4 Packing group: Not a dangerous good in the sense of these transport regulations.

14.5 Environmental hazards: DANGEROUS TO THE ENVIRONMENT: no.

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### 14.6 Special precautions for the user:

Dangerous goods as defined by these transport regulations.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

No dangerous goods within the meaning of these transport regulations.

## Section 15: Legal regulations

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

EU regulations:

VOC Directive details            0.0%.  
2004/42/EC:

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 have not been carried out.

## Section 16: Other information

### Changes:

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

### Other Information:

This recommendation applies only to the product named in the safety data sheet supplied by us and the use we 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 our current knowledge, current state of our knowledge. They do not represent any assurance of product properties in the sense of the legal warranty, legal warranty.

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