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

1.1 Product identifier

Joint sealing tape 20/4-9 120 m
Art.: 92315

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

Relevant identified uses of the substance or mixture:
No information available at present.

Uses advised against:
No information available at present.

1.3 Details of the supplier of the safety data sheet

Berner Produkten b.v., Vogelzankweg 175, 6374 AC Landgraaf, Netherlands
Phone: +31 45 53 39 133, Fax: +31 45 53 14 588
info@berner.nl, www.berner.nl

Details of the supplier of the safety data sheet see section 16 of this safety data sheet.

Qualified person's e-mail address: Productsafety.Chemicals@berner-group.com Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:
---
Telephone number of the company in case of emergencies:
+49 (0) 221 80260 889 (09:00 – 17:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP)
Not applicable
2.2 Label elements
Labeling according to Regulation (EC) 1272/2008 (CLP)
Not applicable

2.3 Other hazards
The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
Product is combustible.

SECTION 3: Composition/information on ingredients

Sealing strip
Base:
PU-foam

3.1 Substance
n.a.

3.2 Mixture
n.a.

| Classification according to Regulation (EC) 1272/2008 (CLP) | --- |
| Registration number (REACH) | --- |
| Index | --- |
| EINECS, ELINCS, NLP | --- |
| CAS | --- |

SECTION 4: First aid measures

4.1 Description of first aid measures
Inhalation
n.a.

Skin contact
Wash thoroughly with soap and water.

Eye contact
Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion
n.a.

4.2 Most important symptoms and effects, both acute and delayed
If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.
In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.
4.3 Indication of any immediate medical attention and special treatment needed
n.c.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Adapt to the nature and extent of fire.
CO2
Dry extinguisher
Foam
Water jet spray
Classification of inflammability:
B 1 (P-NDS04-246)

Unsuitable extinguishing media
n.c.

5.2 Special hazards arising from the substance or mixture
In case of fire the following can develop:
Oxides of carbon
Oxides of nitrogen
Hydrocyanic acid (hydrogen cyanide)
Fume

5.3 Advice for firefighters
Protective respirator with independent air supply.
According to size of fire
Full protection, if necessary.
Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid contact with eyes.

6.2 Environmental precautions
Normally not necessary.

6.3 Methods and material for containment and cleaning up
Pick up mechanically and dispose of according to Section 13.

6.4 Reference to other sections
For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling
7.1.1 General recommendations
Keep away from sources of ignition - Do not smoke.
Observe directions on label and instructions for use.

7.1.2 Notes on general hygiene measures at the workplace
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities
No special measures required.
Store cool.
Protect from direct sunlight.

7.3 Specific end use(s)
No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
---

8.2 Exposure controls
8.2.1 Appropriate engineering controls
Ensure good ventilation. This can be achieved by local suction or general air extraction.
If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection: Normally not necessary.
Skin protection - Hand protection: Normally not necessary.
Skin protection - Other: Usual protective working garments
Respiratory protection: Normally not necessary.

Thermal hazards:
If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).
Additional information on hand protection - No tests have been performed.
In the case of mixtures, the selection has been made according to the knowledge available and the
information about the contents.
Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and
degradation into account.
Selection of a suitable glove depends not only on the material but also on other quality characteristics
and varies from manufacturer to manufacturer.
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be
tested before use.
The exact breakthrough time of the glove material can be requested from the protective glove
manufacturer and must be observed.

8.2.3 Environmental exposure controls
No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Colour</td>
<td>According to specification</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic, Slightly</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH-value</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>n.a.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Lower explosive limit</td>
<td>Not determined</td>
</tr>
<tr>
<td>Upper explosive limit</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapour density (air = 1)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density</td>
<td>~0.100-0.150 g/cm³ (DIN 53420)</td>
</tr>
<tr>
<td>Bulk density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
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<tr>
<td>Viscosity</td>
<td>Not determined</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Product is not explosive.</td>
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<tr>
<td>Oxidising properties</td>
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9.2 Other information

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<th>Value</th>
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<tbody>
<tr>
<td>Miscibility</td>
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<tr>
<td>Fat solubility / solvent</td>
<td>Not determined</td>
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<tr>
<td>Conductivity</td>
<td>Not determined</td>
</tr>
<tr>
<td>Surface tension</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solvents content</td>
<td>Not determined</td>
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</table>

SECTION 10: Stability and reactivity
10.1 Reactivity
See also Subsection 10.2 to 10.6.
The product has not been tested.

10.2 Chemical stability
See also Subsection 10.1 to 10.6.

10.3 Possibility of hazardous reactions
See also Subsection 10.1 to 10.6.

10.4 Conditions to avoid
See also section 7.
Protect from humidity.
Effects of light as well as warmth.

10.5 Incompatible materials
See also section 7.
None known

10.6 Hazardous decomposition products
See also Subsection 10.1 to 10.5.
See also section 5.2

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Possibly more information on health effects, see Section 2.1 (classification).

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<thead>
<tr>
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<th>Art.: 92315</th>
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<tbody>
<tr>
<td>Toxicity / effect</td>
<td>Endpoint</td>
</tr>
<tr>
<td>Acute toxicity, by dermal route:</td>
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</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation:</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/irritation:</td>
<td></td>
</tr>
<tr>
<td>Respiratory or skin sensitisation:</td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity:</td>
<td></td>
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<td>Carcinogenicity:</td>
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<td>Reproductive toxicity:</td>
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<tr>
<td>Toxicity / effect</td>
<td>Endpoint</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------</td>
</tr>
<tr>
<td>12.2. Persistence and degradability:</td>
<td>Not biodegradable</td>
</tr>
<tr>
<td>12.5. Results of PBT and vPvB assessment</td>
<td>n.d.a.</td>
</tr>
<tr>
<td>12.6. Other adverse effects:</td>
<td>n.d.a.</td>
</tr>
</tbody>
</table>

Other information: Contains organically bound halogens, which may contribute to the AOX value in wastewater.
13.1 Waste treatment methods
For the substance / mixture / residual amounts
EC disposal code no.:
The waste codes are recommendations based on the scheduled use of this product.
Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)
08 04 99 wastes not otherwise specified
Recommendation:
Sewage disposal shall be discouraged.
Pay attention to local and national official regulations.
E.g. dispose at suitable refuse site.
For contaminated packing material
Pay attention to local and national official regulations.
Recommendation:
15 01 01 paper and cardboard packaging
15 01 02 plastic packaging
15 01 06 mixed packaging

SECTION 14: Transport information

General statements
14.1. UN number: n.a.
Transport by road/by rail (ADR/RID)
14.2. UN proper shipping name:
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
Classification code: n.a.
LQ (ADR 2015): n.a.
14.5. Environmental hazards: Not applicable
Tunnel restriction code:
Transport by sea (IMDG-code)
14.2. UN proper shipping name:
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
Marine Pollutant: n.a
14.5. Environmental hazards: Not applicable
Transport by air (IATA)
14.2. UN proper shipping name:
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
14.5. Environmental hazards: Not applicable
14.6. Special precautions for user
Unless specified otherwise, general measures for safe transport must be followed.
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the
substance or mixture

Observe restrictions:

n.a.
General hygiene measures for the handling of chemicals are applicable.

VOC-CH:
Not applicable

15.2 Chemical safety assessment
A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: 1 - 16

Classification and processes used to derive the classification of the mixture in
accordance with the ordinance (EG) 1272/2008 (CLP):
Not applicable

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the
product and the constituents (specified in Section 2 and 3).

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8.00h)
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Fax +34 90 21 13 190
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<table>
<thead>
<tr>
<th>Berner Kft.</th>
<th>Frimann-Berner AS</th>
<th>Berner Succ. Luxembourg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Táblás u. 34</td>
<td>Holmaveien 25</td>
<td>105, Rue des Bruyères</td>
</tr>
<tr>
<td>H - 1097 Budapest</td>
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<td>L - 1274 Howald</td>
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<td>Tel +36 (1) 347 1059</td>
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<tr>
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<td>Fax +47 66 76 55 81</td>
<td>Tel +31 6 290 27 464 (16.00h-8.00h)</td>
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<tr>
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<td>Fax +31 455 33 92 43</td>
</tr>
<tr>
<td><a href="http://www.berner.hu">www.berner.hu</a></td>
<td><a href="http://www.berner.no">www.berner.no</a></td>
<td><a href="mailto:info@berner.lu">info@berner.lu</a></td>
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<thead>
<tr>
<th>Berner spol. s r.o.</th>
<th>Berner, S.A.</th>
<th>Berner Polska Sp. z o.o.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jinonická 80</td>
<td>Av. Amália Rodrigues, 3510</td>
<td>Ul. Puszkańska 7J</td>
</tr>
<tr>
<td>CZ - 158 00 Praha 5</td>
<td>Manique de Baixo</td>
<td>30-644 Kraków</td>
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<tr>
<td>Tel +420 225 390 666</td>
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<tr>
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<tr>
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<td><a href="mailto:office@berner.pl">office@berner.pl</a></td>
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<tr>
<td><a href="http://www.berner.cz">www.berner.cz</a></td>
<td><a href="mailto:marketing.pl@berner.pl">marketing.pl@berner.pl</a></td>
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<thead>
<tr>
<th>Albert Berner UAB</th>
<th>Berner SK</th>
<th>Albert Berner Montageteknik AB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kalvarijė 29B, LT09313, Vilnius, Lithuania</td>
<td>Berner s r.o.</td>
<td>Elektravägen 53</td>
</tr>
<tr>
<td>Tel +370-52104355</td>
<td>Jesenského 1</td>
<td>S - 126 30 Hägersten</td>
</tr>
<tr>
<td>Fax +370-52350020</td>
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<td>Tel +46 85 78 77 800</td>
</tr>
<tr>
<td><a href="mailto:info@berner.lt">info@berner.lt</a></td>
<td>Tel (+421) 45 5410 245</td>
<td>Fax +46 85 78 77 805</td>
</tr>
<tr>
<td></td>
<td>Fax (+421) 45 5410 255</td>
<td><a href="mailto:info@berner.se">info@berner.se</a></td>
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<td><a href="mailto:berner@berner.sk">berner@berner.sk</a></td>
<td><a href="http://www.berner.se">www.berner.se</a></td>
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<table>
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<tr>
<th>Berner Pultti Oy</th>
<th>Mitras d.o.o</th>
<th>BERNER d.o.o</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volttikatu 6</td>
<td>Brdnikova ulica 34e</td>
<td>CPM Savča Šanci</td>
</tr>
<tr>
<td>FI - 70700 Kuopio</td>
<td>SL-1000 Ljubljana</td>
<td>Trgovacka 2</td>
</tr>
<tr>
<td>Tel +358-207-590 220</td>
<td>Tel +386-1-256-62-46</td>
<td>HR - 10000 Zagreb</td>
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<tr>
<td>Fax +358-207-590 221</td>
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<td>Tel +38512 499 470</td>
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<tr>
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<td><a href="mailto:mitras@siol.com">mitras@siol.com</a></td>
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<tr>
<td><a href="http://www.berner-pultti.com">www.berner-pultti.com</a></td>
<td></td>
<td>e-mail: <a href="mailto:safetydata-hr@berner.co.at">safetydata-hr@berner.co.at</a></td>
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<table>
<thead>
<tr>
<th>Berner Endüstriyel Ürünler</th>
<th>Berner S.p.A.</th>
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<tbody>
<tr>
<td>Sanayi ve Ticaret A.Ş.</td>
<td>Via dell’Elettronica 15</td>
<td>Str. Vrancei Nr. 51 - 55</td>
</tr>
<tr>
<td>Ferhatpaşa Mah. G 7 Sok. 31/2</td>
<td>I - 37139 Verona</td>
<td>RO - 310315 Arad</td>
</tr>
<tr>
<td>TR - 34858 Kartal-Samandıra / YİSTANBUL</td>
<td>Tel +39 04 58 67 01 11</td>
<td>Tel +40 257 212291</td>
</tr>
<tr>
<td>Tel +90 (0) 216-4713077</td>
<td>Fax +39 04 58 67 01 34</td>
<td>Fax +40 257 250460</td>
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<td>Fax +90 (0) 216-4719625</td>
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<td><a href="mailto:office@berner-romania.ro">office@berner-romania.ro</a></td>
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<td><a href="http://www.berner.it">www.berner.it</a></td>
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<tr>
<td>TR - 34858 Kartal-Samandıra / YİSTANBUL</td>
<td>Tel +39 04 58 67 01 11</td>
<td>Tel +40 257 212291</td>
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<td>Tel +90 (0) 216-4713077</td>
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<td>Fax +40 257 250460</td>
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<td>Fax +90 (0) 216-4719625</td>
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<td><a href="mailto:office@berner-romania.ro">office@berner-romania.ro</a></td>
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<td><a href="mailto:info@berner.com.tr">info@berner.com.tr</a></td>
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<td><a href="http://www.berner-romania.ro">www.berner-romania.ro</a></td>
</tr>
</tbody>
</table>
The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.