

## Product Handling Information Sheet

### Maywotron® ABS/TPU Vol-R

#### 1. Company

Name/Address	<b>Röchling Industrial Allgäu GmbH</b> Hinter den Gärten 20 • 87730 Bad Grönenbach/Germany (DE) • Tel. +49 8334 9857-0 info@roechling-maywo.de • www.roechling.com/industrial/groenenbach
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#### 2. Product details

Product/Article	Technical semi-finished product or machined part
Abbreviated terms	ABS / TPU
Material Characterisation	Thermoplastic
Main Components	<ul style="list-style-type: none"> <li>• acrylnitril butadiene styrene copolymer</li> <li>• thermoplastic polyurethanes</li> <li>• contains colour pigments</li> <li>• contains additives</li> </ul>
Components Subject to labelling	none
Classification according to REACH	Article
Notes	–

#### 3. Product characteristics

Form/State	<ul style="list-style-type: none"> <li>• firm</li> </ul>
Color	–
Odour	<ul style="list-style-type: none"> <li>• nearly odourless</li> </ul>
Density	1,10
Melting range	>180°C
Glass transition temperature	–



### 3. Product characteristics

Thermal decomposition	> 230°C
Flash point	–
Ignition temperature	> 350°C
Notes	–

### 4. Danger warnings

Special Risks For Mankind And The Environment	None
Notes	–

### 5. Handling and Storage

Handling	<ul style="list-style-type: none"> <li>• Product can be worked with conventional machines and tools.</li> <li>• Before machining the product should have room temperature and/or to be stored for min. 24h under normal climatic conditions.</li> </ul>
Storage	<ul style="list-style-type: none"> <li>• horizontally</li> <li>• dry</li> <li>• protected against frost</li> <li>• protected against climatic influences</li> </ul>
Safety measures	<ul style="list-style-type: none"> <li>• Provide suitable exhaust ventilation at the drying process and in the area surrounding the melt outlet of processing machines.</li> <li>• Wear splash goggles to protect from hot molten substance/product.</li> <li>• Wear gloves to prevent contact during mechanical processing and/or hot melt conditions.</li> </ul>
Shelf Life	–
Notes	–

### 6. Transport

Transport	<ul style="list-style-type: none"> <li>• Non dangerous goods according to the transport regulations.</li> <li>• Secure against slipping.</li> </ul>
Finished Product Packing	–



## 6. Transport

Notes –

## 7. Fire – fighting measures

Suitable extinguishing agents	<ul style="list-style-type: none"> <li>• water</li> <li>• foam</li> <li>• CO<sub>2</sub></li> <li>• dry powder extinguishing agents</li> </ul>
Potential combustion products	<ul style="list-style-type: none"> <li>• CO<sub>2</sub></li> <li>• CO</li> <li>• HCN</li> <li>• NO</li> <li>• isocyanate</li> </ul>
Necessary protection equipment	<ul style="list-style-type: none"> <li>• Complete protection equipment for fire-brigade.</li> <li>• Use self-contained air respirators during strong smoke and steam development.</li> </ul>
Notes	Molten product has to be cooled with water. Fire residues must be collected and disposed of according to the local instructions.

## 8. Removal

Recyclability	Check possibility of recycling.
EC Waste Catalog	The product is classified in accordance with the European-Waste Catalogue (EWC) as “not dangerous”.
Waste Removal	Has to be conveyed to a suitable dumping site or combustion plant in accordance with local regulations.
EC Waste Code	<ul style="list-style-type: none"> <li>• 12 01 05 plastics shavings and turnings</li> <li>• 20 01 39 plastics</li> </ul>
Notes	–

## 9. Marking and Guidelines

Marking in accordance with EEC Guideline	–
Notes	–



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### 10. Information about REACH

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Information about REACH

According to EC directive 1907/2006/EC (REACH), Article 3, no.3 our products are clearly defined as articles, exempt from registration. The EU regulation about chemicals no. 1907/2006 (REACH), which came into force 01 st of June 2007, prescribes Material Safety Data Sheets only for dangerous substances and preparations. According to REACH we are manufacturing articles and, therefore, not required to issue safety sheets.-

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### 11. Other Information

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Other Information

The information in this document are based on our today's knowledge and represent no affirmation of characteristics. Existing laws and regulations are to be observed by the user of our product within his own responsibility.

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