

# Product Handling Information Sheet

## Sustadur® PET natural

### 1. Company

|              |                                                                                                                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name/Address | <b>Röchling Industrial Lahnstein SE &amp; Co. KG</b><br>Sustaplast-Str. 1 • 56112 Lahnstein/DE • Tel. +49 2621 693-0<br>info.lahnstein@roechling.com • www.roechling.com/industrial/lahnstein |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 2. Product details

|                                   |                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Product/Article                   | Engineering semi-finished product                                                                                     |
| Abbreviated terms                 | PET                                                                                                                   |
| Material Characterisation         | Thermoplastic                                                                                                         |
| Main Components                   | <ul style="list-style-type: none"><li>• polyethylene terephthalate</li><li>• contains evtl. colour pigments</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>• solid</li></ul>     |
| Color                        | natural                                                     |
| Odour                        | <ul style="list-style-type: none"><li>• odourless</li></ul> |
| Density                      | 1,38                                                        |
| Melting range                | 248                                                         |
| Glass transition temperature | -                                                           |
| Thermal decomposition        | >300 °C                                                     |
| Flash point                  | -                                                           |

### 3. Product characteristics

|                      |         |
|----------------------|---------|
| Ignition temperature | >420 °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 climatic influences</li> </ul>                                                                                                                        |
| Safety measures |                                                                                                                                                                                                                                                         |
| Shelf Life      | -                                                                                                                                                                                                                                                       |
| Notes           | -                                                                                                                                                                                                                                                       |

### 6. Transport

|                          |                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------|
| Transport                | <ul style="list-style-type: none"> <li>• Not classified as hazardous good under transport regulations.</li> </ul> |
| Finished Product Packing | -                                                                                                                 |
| Notes                    | -                                                                                                                 |

### 7. Fire – fighting measures

|                               |                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing agents | <ul style="list-style-type: none"> <li>• water</li> <li>• foam</li> <li>• dry extinguishing media</li> <li>• CO<sub>2</sub></li> </ul> |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|

### 7. Fire – fighting measures

|                                |                                                                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Potential combustion products  | <ul style="list-style-type: none"> <li>• carbon monoxide</li> </ul>                                                                                                                      |
| Necessary protection equipment | <ul style="list-style-type: none"> <li>• Fire fighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.</li> </ul> |
| Notes                          | Molten product should be cooled by water spray. Dispose fire debris and contaminated extinguishing water in accordance with local regulations.                                           |

### 8. Removal

|                  |                                                                                                                               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Recyclability    | Check possibility of recycling.                                                                                               |
| EC Waste Catalog | According the European waste catalogue (EAK) the product is not classified as hazardous.                                      |
| Waste Removal    | Waste disposal by landfill or incineration in compliance with state and local regulations.                                    |
| EC Waste Code    | <ul style="list-style-type: none"> <li>• 12 01 05 plastics shavings and turnings</li> <li>• 07 02 13 waste plastic</li> </ul> |
| Notes            | –                                                                                                                             |

### 9. Marking and Guidelines

|                                          |                          |
|------------------------------------------|--------------------------|
| Marking in accordance with EEC Guideline | not subject to labelling |
| Notes                                    | –                        |

### 10. Information about REACH

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 11. Other Information

|                   |                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Other Information | All above mentioned information are based on our current state of knowledge and ensure no warranty of quality. Existing laws and regulations have to be observed by the recipient of our products on his own authority. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|