

## Product Handling Information Sheet

# ECTFE natural

### 1. Company

|              |                                                                                                                                                                                 |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name/Address | <b>Liedtke Kunststofftechnik</b><br>Siemensstr. 32a, 42551 Velbert/Germany (DE) • Tel. +49 2051 605 105<br>info@liedtke-kunststofftechnik.de • www.liedtke-kunststofftechnik.de |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 2. Product details

|                                   |                                                                                                                         |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Product/Article                   | Engineering semi-finished product                                                                                       |
| Abbreviated terms                 | E-CTFE                                                                                                                  |
| Material Characterisation         | Thermoplastic                                                                                                           |
| Main Components                   | <ul style="list-style-type: none"><li>ethylene-chlorotrifluoroethylene</li><li>contains evtl. colour pigments</li></ul> |
| Components Subject to labelling   | none                                                                                                                    |
| Classification according to REACH | -                                                                                                                       |
| 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                      | 1,71                                                      |
| Melting range                | 230                                                       |
| Glass transition temperature | -                                                         |
| Thermal decomposition        | >250 °C                                                   |
| Flash point                  | -                                                         |
| Ignition temperature         | -                                                         |
| 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 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>                                                   |
| Potential combustion products  | <ul style="list-style-type: none"> <li>• hydrogen fluoride</li> <li>• hydrogen chloride</li> <li>• carbonyl fluoride (fluorophosgene)</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                          | -                                                                                                                                                                                        |

## 8. Removal

|                  |                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Recyclability    | Check possibility of recycling.                                                                                                |
| EC Waste Catalog | According to 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 on chemicals No. 1907/2006 (REACH), which came into force on 1st June 2007, prescribes Material Safety Data Sheets only for dangerous substances and preparations. According to REACH, we are manufacturing articles and are therefore not required to issue safety data sheets. |
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## 11. Other Information

|                   |                                                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Other Information | All above-mentioned information is based on our current state of knowledge and does not constitute a warranty of properties/quality. Existing laws and regulations must be observed by the recipient of our products under their own responsibility. |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|