

Product Handling Information Sheet

Sustamid® 6 FR black extruded

1. Company

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2. Product details

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| Product/Article | Engineering semi-finished product |
| Abbreviated terms | PA 6 |
| Material Characterisation | Thermoplastic |
| Main Components | <ul style="list-style-type: none"> polyamide 6 contains flame retardant |
| Components Subject to labelling | none |
| Classification according to REACh | Article |
| Notes | - |

3. Product characteristics

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| Form/State | <ul style="list-style-type: none"> solid |
| Color | black |
| Odour | <ul style="list-style-type: none"> odourless |
| Density | 1,17 |
| Melting range | 222 |
| Glass transition temperature | - |
| Thermal decomposition | >300 °C |
| Flash point | - |



3. Product characteristics

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| Ignition temperature | >400 °C |
| Notes | - |

4. Danger warnings

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| Special Risks For Mankind And The Environment | none |
| Notes | - |

5. Handling and Storage

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| Handling | <ul style="list-style-type: none"> • Product can be worked with conventional machines and tools. • Before machining the product should have room temperature and/or to be stored for min. 24h under normal climatic conditions. |
| Storage | <ul style="list-style-type: none"> • horizontally • dry • protected against climatic influences |
| Safety measures | |
| Shelf Life | - |
| Notes | - |

6. Transport

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

7. Fire – fighting measures

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| Suitable extinguishing agents | <ul style="list-style-type: none"> • water • foam • dry extinguishing media • CO₂ |
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7. Fire – fighting measures

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

8. Removal

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| 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"> • 12 01 05 plastics shavings and turnings • 07 02 13 waste plastic |
| Notes | - |

9. Marking and Guidelines

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

10. Information about REACH

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| Information about REACH | Information about REACH Text |
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11. Other Information

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| 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. |
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