**Material Safety Data Sheet**

1. **Identification of the substance/preparation and of the company /undertaking**

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| Product name: Heat shrinkable braided sleeving | Part No.: HSS |
| Supplier: SHENZHEN JDD TECH NEW MATERIAL CO., LTD | Tel: 86-0755-33666001 |
| Add: Building 2, E Zone, Minzhu Western Industrial Area, Shajing Town, Baoan District, Shenzhen city, Guangdong Province, China | Post code: 518104 |
| Emergency phone: 86-0755-36653257 | Fax: 86-0755-33807127 |
| Attn: Xiayu Chen | E-mail: jddycy@jddtech.com |

1. **Composition/information on ingredients**

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| Name | Purpose | Element Name in Homogeneous Material | CAS No. | Substance Weight（%） |
| Polyester yarns | Raw material | PET | 25038-59-9 | 47% |
| Polyolefin monofilament | Raw material | PE | 9002-88-4 | 40% |
| Seriflux | Adjuvant | / | / | 12% |
| Pigment | Colorant | / | / | 1% |

**3. Hazards identification**

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| Key hazard item | Human health effect: when handled normally, this product cannot cause health effect. |
| Environmental effects: when handled normally, this product cannot cause environmental effect. |
| Physical and chemical effects: NA |
| Particular hazard: Toxic gases and flaming droplets would be caused after combustion |
|  | Explosion hazard: the product is not explosive. |
| Invasion method: NA |
| Main symptom: NA |
| Classification system: NA |

**4. First aid measures:**

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|  Measures under different situationsAfter inhalation: when handled normally, this product cannot be inhaled.After skin contact: generally the product does not irritate the skin.After eye contact: generally the product does not irritate the eye. Avoid gases caused by combustion, if unexpected contact, consult the doctor. After swallowing: the product cannot be swallowed. |
| Main symptom: NA |
| Measures for protecting the doctor: NAInformation for doctor: advice to take measures according to present symptom. |

**5. Fire-fighting Measures:**

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| Suitable extinguish agents: carbon dioxide(CO2),dry powder, foam |
| Special hazards caused by its combustion: formation of toxic gases is possible in case of fire. |
| Special fire-fighting measures: protective measures need to be taken and fire-fighting measures can only be taken by persons who were trained. |
| Protective equipment: fireproofing cloth, mouth respiratory and glasses. |

**6. Accidental release measures:**

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| Person-related safety precautions: No special measure required. |
| Measures need to be taken immediately: NA  |
| Measures for environmental protection: NA |
| Measures for cleaning/collecting: pick up immediately. Collect and clean the spills like other non-hazardous solids.  |

**7. Handling and storage:**

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| Information for safe handling: wind round the neck with the product is not allowed. |
| Information for storage: avoid fire and store in a cool, dry, well-ventilation area. Avoid direct sun. The product should be packed in cartons for scatter of the products may cause slip. Children should far from the product as they may swallow them. |

**8. Exposure controls/personal protection:**

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| Engineering control: NA |
| Parameters for engineering control: NA |
| Density for 8 hours | Density for few seconds | Max density | Biological index |
| NA | NA | NA | NA |
| Personal protective equipmentRespiratory protection: suitable respiratory protective device recommendedProtection of hands: gloveEye protection: safety glassesBody protection: fireproofing cloth |
| Additional information: The product should be packed in cartons to prevent scattering. |

**9. Physical and chemical properties**

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| Form: solid | Shape: flat |
| Color: black | Odour: odourless |
| pH-value: NA | Boiling point: NA |
| Melting point:240℃±10℃　　　　　　　　　　　 | Flash point: NA |
| Ignition temperature: NA | Explosion limits: the product is not explosive. |
| Vapor pressure: NA | Vapor density（air=1）: NA |
| Relative density（water=1）: NA | Solubility in/miscibility with water: insoluble. |
| Others: it can be ignited. It starts to shrink at 80℃ and melts at 240℃ |

**10. Stability and Reactivity**

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| Stability: normally is steady. |
| Possible hazards in particular conditions: toxic gases in case of fire. Avoid contact the product if it melts. |
| Conditions to be avoided: fire, high temperature |
| Materials to be avoided: strong acid,alkali and other chemical agents. |
| Dangerous decomposition products: toxic gases, avoid contact. |

**11. Toxicological Information**

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| Acute toxicity: NA |
| Irritant effect: NA |
| Sensitization: NA |
| Acute or long-term toxicity: NA |
| Part effect: NA |
| Teratogenic effect: NA |
| Carcinogenic effect: NA |
| Other effects: NA |

**12. Ecological Information**

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| Normally it does not pollute the environment. It is insoluble and it is not easily biodegradable. |

**13. Disposal considerations**

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| Recommendation: contact the manufacturer for recycling information. Small quantities can be disposed of with household waste. Dispose of bigger quantities in accordance with Local Authority requirements. |

1**4. Transport information**

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| NA |

1**5. Regulatory Information**

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| NA |

**16. Other Information**

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| This information is based on our present knowledge.However,this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. |