### 1. Trade name, company’s name

**ECOTPU95**

INTERTECH LIMITED

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Phone: 81-3-5837-5550

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Emergency Information: Phone: 81-3-5837-5550 (Q.C.Gr. H.SHIMOYAMADA)

### 2. Composition

Information on ingredients

Thermoplastic polyurethane; includes additives e.g., stabilizers.

Hazardous ingredient: none

### 3. Possible risks

Not applicable

### 4. First aid procedures

Melt burns should receive hospital treatment.

### 5. Firefighting procedures

All standard extinguishing agents, e.g. water spray, CO₂, foam or dry powder can be used.

In the case of fire or smoldering, fire fighters should wear breathing apparatus. Contaminated extinguishing water should be deposed of according to regulations.

### 6. Measures in case of accidental Spillage

Sweep up to avoid risk of slipping.

### 7. Storage and handling

Protect against moisture. Containers should be kept closed.

Ensure sufficient ventilation in the working place, when opening drums, pre-drying the granulate and during processing. Avoid breathing of melt fumes.

### 8. Personal protective equipment

Personal protective equipment: face mask against possible development of dust

### 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shape</td>
<td>pellet</td>
</tr>
<tr>
<td>Color</td>
<td>colorless, transparent to opaque</td>
</tr>
<tr>
<td>Odor</td>
<td>none</td>
</tr>
<tr>
<td>Melt temperature</td>
<td>above 150°C</td>
</tr>
<tr>
<td>Bulk density</td>
<td>500-700kg/m³</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;220°C</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>&gt;400°C</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>insoluble</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

Thermal decomposition: commences at 230°C

Hazardous decomposition products, e.g. in case of fire, Smoldering or overheating during processing: toxic gases, consisting mainly of CO and CO₂, and including nitric oxides, amines, nitriles, hydrocarbons, isocyanates, hydrogen cyanide, Aldehydes.

Hazardous reactions: none
<table>
<thead>
<tr>
<th>Safety data sheet</th>
<th>Date of review:</th>
<th>Version: 1.03</th>
</tr>
</thead>
</table>

### 11. Toxicological information
When opening the drums and heating the material, e.g. when drying or processing the granulate, slight quantities of isocyanates, mainly di-isopropyl phenyl isocyanate and diphenylmethane-4, 4'-diisocyanate, may be evolved. Generation of isocyanate increases if the recommended processing temperature is exceeded. Higher concentrations can cause breathing difficulty. Sensitization may occur. Adequate ventilation should be used.

### 12. Ecological information
In general not hazardous to water

### 13. Disposal consideration
**Product:**
The product can be recycled. Incineration is only permissible in officially authorized plants.

### 14. Transport information
Classified as non-dangerous goods in accordance with transport regulations.

**Other information:**
Keep separate from food and other consumables.

### 15. Other information
None

The information submitted in this publication is based on our current knowledge and experience. In view of many factors that may affect processing and application, these data do not relieve processors from the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.