

## ECOTPU90 (A)

### Safety data sheet

<b>Safety data sheet</b>	Date of review: 16. Aug. 2010	Version: 1.05 Page 1 of 2
Product: ECOTPU90(A) ALL COLORS		

ALL COLORS INCLUDE NC (NATURAL COLOR) AND ALSO BK (BLACK COLOR)

<b>1. Trade name, company's name</b>	<p><b>ECOTPU90(A)</b></p> <p>INTERTECH LIMITED</p> <p>2-23-1 Ogi Adachi-Ku Tokyo, Japan 123-0873                  Phone: +81-3-5837-5550                  Fax :+81-3-5837-5551</p> <p><b>Emergency Information:</b>                   <b>Phone : +81-3-5837-5550</b>                  (Q.C.Gr. H.SHIMOYAMADA)</p>
<b>2. Composition Information on ingredients</b>	<p>Thermoplastic polyurethane; includes additives e.g., stabilizers.                  Hazardous ingredient:                   none</p>
<b>3. Possible risks</b>	<p>Not applicable</p>
<b>4. First aid procedures</b>	<p>Melt burns should receive hospital treatment.</p>
<b>5. Firefighting procedures</b>	<p>All standard extinguishing agents, e.g. water spray, CO<sub>2</sub>, 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 disposed of according to regulations.</p>
<b>6. Measures in case of accidental Spillage</b>	<p>Sweep up to avoid risk of slipping.</p>
<b>7. Storage and handling</b>	<p>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.</p>
<b>8. Personal protective equipment</b>	<p>Personal protective equipment:   face mask against possible development of dust</p>
<b>9. Physical and chemical properties</b>	<p>Shape:   pellet                  Color:   colorless, transparent to opaque                  Odor:   none                  Melt temperature:                       above 150°C                  Bulk density:                               500-700kg/m<sup>3</sup>                  Flash point:                                 &gt;220°C                  Ignition temperature:                    &gt;400°C                  Solubility in water:                       insoluble</p>
<b>10. Stability and reactivity</b>	<p>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 CO<sub>2</sub>, and including nitric oxides, amines, nitriles, hydrocarbons, isocyanates, hydrogen cyanide, Aldehydes.                  Hazardous reactions:                       none</p>

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<b>11. Toxicological information</b>	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.	
<b>12. Ecological information</b>	In general not hazardous to water	
<b>13. Disposal consideration</b>	<u>Product:</u> The product can be recycled. Incineration is only permissible in officially authorized plants.	
<b>14. Transport information</b>	Classified as non-dangerous goods in accordance with transport regulations.	
	<u>Other information:</u>	Keep separate from food and other consumables.
<b>15. Other information</b>	None	

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