

ECOTPU90-ETH

Safety data sheet

Safety data sheet Product: ECOTPU90-ETH(A) ALL COLORS	Date of review: 16. Apr. 2014	Version: 1.00 Page 1 of 2
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1. Trade name, company's name	ECOTPU90-ETH(A)
	INTERTECH LIMITED
	2-23-1 Ogi Adachi-Ku Tokyo, Japan 123-0873
	Phone: +81-3-5837-5550 Fax : +81-3-5837-5551
	Emergency Information:
	Phone : +81-3-5837-5550 (Q.C.Gr. K.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, CO ₂ , 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.
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	Shape: pellet
	Color: colorless, transparent to opaque
	Odor: none
	Melt temperature: above 150°C
	Bulk density: 500-700kg/m ³
	Flash point: >220°C
	Ignition temperature: >400°C
	Solubility in water: insoluble
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 CO ₂ , and including nitric oxides, amines, nitriles, hydrocarbons, isocyanates, hydrogen cyanide, Aldehydes.
	Hazardous reactions: none

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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	<u>Product:</u> 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.	
	<u>Other information:</u>	Keep separate from food and other consumables.
15. Other information	None	

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