Borotron[®] UH015 PE-UHMW



1. Producer / supplier

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2. Proc	luct description		
	mercial product name: e products are 'articles' acc	Borotron [®] UH015 PE-UHMW cording to the Regulation (EC) No 1907/2006 (RI	EACH).
Mater	ial characterization:	Ultra high molecular weight polyethylene + boric	oxide [PE-UHMW-BD]
3. Proc	luct characteristics		
Form	:	semi-finished products (plates) / finished parts i products	machined from semi-finished
Color	ur:	natural (off-white)	Test methods
Odou	ır:	odourless	rest methous
Dens	ity:	0.96 g/cm ³	ISO 1183-1
Melti	ng temperature:	135 °C	ISO 11357-1/-3
Glass	s transition temperature:	- Values for this property are only given here for amorphous m	ISO 11357-1/-2 aterials and not for semi-crystalline ones.
Therr	mal decomposition:	> 300 °C	
Self-i	gnition temperature:	> 330 °C	ASTM D 1929
Solui	oility in water:	insoluble	
4. Hand	dling and storage		
Mach	ining:	During machining of the semi-finished products slipping or tripping hazard and observe the max dust levels on the workplace which apply in you during machining. The wearing of nitrile RNF 15 P2 are also advised.	kimum allowable concentration of ir country. Wear safety goggles
Stora	ige:	The products shall be stored indoors in a norma 30 - 70% RH) and kept away from any source of UV-lamps, chemicals (direct or indirect contact) Dimensional changes (camber, warpage, shrink as slight colour shifts of the external surfaces ca does generally not pose a problem in case of se surface-layer is mostly removed anyway upon r parts.	of degradation such as sunlight, n, ionising radiation, flames, etc. kage) of the products as well an occur with time. The latter emi-finished products since the
Safet	y measures:	Standard industrial safety recommendations sh Temperatures above the melting temperature s	

Please also note the disclaimer on page 2 of this document.

Mitsubishi Chemical Advanced Materials

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Hazardous decomposition products: The mono furthe cannot Special protective equipment: Firem to pre high c skin, c adher Disposal considerations According to the 'European Waste Cat products is not classified as hazardous. 07 02 12 01 16 01 17 02 20 01 Waste disposal: When applie	nain products formed in case of overheating and combustion are carbon oxide, carbon dioxide and boron containing substances. Formation of er hazardous decomposition products depends upon the fire conditions of be excluded. Then should wear self-contained breathing apparatus and protective cloth event contact with skin and/or eyes. If exposed to combustion fumes in concentration, bring the victim into fresh air. If molten material contacts cool rapidly with cold water and obtain medical attention for removal of ring material and treatment of the burn. talogue and Hazardous Waste List' , uncontaminated waste from the . The following six-digit codes can be used: 213 waste plastic from the manufacture, formulation, supply and us of plastics 105 plastic shavings and turnings 119 plastic, from end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance 203 plastic construction and demolition wastes
Special protective equipment: Firem to prehigh considerations Disposal considerations According to the 'European Waste Cat products is not classified as hazardous. 07 02 12 01 16 01 17 02 20 01 Waste disposal: When applie regula	nain products formed in case of overheating and combustion are carbon oxide, carbon dioxide and boron containing substances. Formation of er hazardous decomposition products depends upon the fire conditions of be excluded. Then should wear self-contained breathing apparatus and protective cloth event contact with skin and/or eyes. If exposed to combustion fumes in concentration, bring the victim into fresh air. If molten material contacts cool rapidly with cold water and obtain medical attention for removal of ring material and treatment of the burn. talogue and Hazardous Waste List' , uncontaminated waste from the . The following six-digit codes can be used: 213 waste plastic from the manufacture, formulation, supply and us of plastics 105 plastic shavings and turnings 119 plastic, from end-of-life vehicles from different means o transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance 203 plastic construction and demolition wastes 39 plastics from municipal wastes (household waste and simila
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applie regula	
are no	n recycling is not feasible, waste disposal by incineration or landfill can lead. Disposal methods shall conform to local or other government ations. products do not contain cadmium pigments or cadmium stabilisers. The ot biologically degradable, but based on the present state of knowledge tive effects on the environment may be anticipated.
Marking and transport informa	tion
Classification and labelling: Hazar requir	rd warning labelling in accordance with relevant EC-Directives is not red.
International transport regulations: Not a	pplicable
Other information	
(product data sheets, delivery programn	atest information on the Mitsubishi Chemical Advanced Material product me, machining instructions, chemical resistance, regulatory information g the European Regulation (EC) No 1907/2006 (REACH).

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