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Material Safety Data for Polyethylene

<u>Manufacturer's Codes</u>			
PE 30	PE 30FR	PE 45	PE 100
U.N number:			None
Dangerous Goods Class & subsidiary risk :			None
Hazchem code:			None
Poisons Schedule:			None
<u>Physical Properties</u>			
Boiling Point		Not Applicable	
Melting / Thermal Decomposition Range		Above 120° C	
Vapour Pressure		None	
Per Centum Volatiles		None	
Specific Gravity		Apparent Density 30 to 100 kg/m ³	
Flash Point		Above 150° C	
Flammability Limits		Non “ FR “material can be ignited by an open flame or by a source for smouldering ignition.	
Auto-Ignition Temperature		Above 150° C short term . Avoid long term exposure over 135° C	
<u>Ingredients</u>			
Chemical entity:		Low Density Polythylene	
<u>Health Hazard Information</u>			
Health Effects			
None expected from normal handling . Although the polymer is inert with low oral or dermatological toxicity, it is not recommended that the material be taken , or used internally. Inhalation of foam dust may be harmful. Temperatures of in excess of 135° C encountered in any processing or other use will produce irritating or toxic fumes.			
First Aid			
In case of over exposure to fumes , vapours or smoke , remove victim to fresh air . Render breathing assistance if necessary & if needed consult a physician. In case of eye irritation from contact with foam dust , fume , vapour & smoke , flush with ample quantities of water or suitable eyewash for 15 minutes.			
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