

Uniclass - : P71	EPIC - : X71
Cl/SfB	Ln6 (K2)

# COSHH Health & Safety Data

## Polyethylene sheeting

Revision 2.5

	Reinforced polyethylene products	Flame Retardant polyethylene products		
<b>Hazard classification</b>	Non hazardous	Non hazardous		
<b>Components</b>	LDPE reinforced with HDPE or PP	FR formulated LDPE		
Health Hazard Information				
<i>Route</i>	<i>Effect</i>	<i>Treatment</i>	<i>Effect</i>	<i>Treatment</i>
<b>Inhalation (particles)</b>	Not applicable		Not Applicable	
<b>Inhalation (decomposition or combustion products)</b>	Possible nausea or dizziness, choking effect	Ensure ventilation and fresh air. Obtain medical assistance if needed.	Possible nausea or dizziness, choking effect	Ensure ventilation and fresh air. Obtain medical assistance if needed.
<b>Ingestion</b>	Respiratory and eye protection is recommended with long term exposure to vapours.			
<b>Eye contact</b>	Considered very unlikely and very low order		Considered very unlikely and very low order	
<b>Skin contact</b>	No effect		No effect	
<b>Handling precautions</b>	No effect at room temperature. When molten under combustion hot drips adhere to and burn skin.	Flush skin with cold water. Do not remove from skin. Cover burns with sterile dressing. Obtain medical attention.	No effect at room temperature. When molten under combustion hot drips adhere to and burn skin.	Flush skin with cold water. Do not remove from skin. Cover burns with sterile dressing. Obtain medical attention.
<b>Handling precautions</b>	No special precautions. If surface becomes wet then it can become slippery when in use.			
Fire Hazard				
<b>Unusual hazards</b>	Under combustion can give molten drips			
<b>Combustion products</b>	Polyethylene melts at 105-125 °C. Decomposition commences at 300-325 °C. Excess temperature above this gives off Carbon Monoxide, Water, Hydrocarbons, Aldehydes and Acrolein.		Polyethylene melts at 105-125 °C. Decomposition commences at 300-325 °C. Excess temperature above this gives off Carbon Monoxide, Water, Hydrocarbons, Aldehydes and Acrolein. At temperatures above 400 °C, Hydrobromides are released.	
<b>Flash point</b>	Not Applicable			
<b>Extinguisher type</b>	Water, Foam or Carbon Dioxide			
<b>Auto-ignition temp</b>	Not Applicable			
<b>Waste disposal</b>	Scrap LDPE is not classified as 'notifiable waste' under the Disposal of Poisonous Wastes Act 1972 and may be disposed of in land fill tips or by incineration in compliance with Local Authority Control of Pollution Act 1974.			
<b>Storage</b>	Store rolls on sides or ends in a cool, dry location out of direct sunlight. Ensure that stacks cannot collapse or cascade over.			

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