

Identification

Product Name	Solarweave®	UN Number	Not Applicable
Other Names	Polyfabric, coated woven polyethylene fabric	Hazchem Code	Not Applicable
Product Code	Refer Product Profile	Dangerous Goods Class	Not Applicable
		Poisons Schedule	Not Applicable
Application	Greenhouses, Hot houses and other horticultural applications		

Physical Description & Properties

Appearance	Semi-transparent/opaque fabric sheeting at 20°C, (68°F), odourless	Flashpoint	Not applicable
Melting point	105-140°C (221-284°F)	Flammability limits	Fabric will burn
Vapour pressure	Not applicable	Solubility in water	Insoluble
Specific Gravity	Approx. 0.9		
Other properties			
Ingredients			

Chemical Entity	CAS no.	Proportion
Polyethylene	9002-88-4	95%+
Organic and/or inorganic pigments	-	Less than 3%
Hindered amine light stabiliser (high MW)	-	Less than 1%

Health Effects
Exposure

Ingestion	The product is expected to be of low toxicity based on biological activity of high molecular weight polymers. The low proportions of pigments and high molecular weight amines are fully encapsulated in polyethylene and are non-extractable in most circumstances.	First Aid	The product is not considered toxic if swallowed. No special measures are necessary.
Eye	The fabric should not be allowed to contact the eyes.	First Aid	No special measures are necessary.
Skin	This fabric is welded at high temperatures, beware of contact with molten material.	First Aid	If molten material contacts the skin, cool rapidly and do not peel off.
Inhalation	Avoid breathing the fumes generated during welding or , burning.	First Aid	If affected by fumes, remove to fresh air.

The above results are typical averages from quality assurance testing and are not to be taken as a minimum specification nor as forming any contract between GALE Pacific and another party. Due to continuous product improvement product specifications are subject to alteration without notice.

As the use and disposal of this product are beyond GALE Pacific's control, regardless of any assistance provided without charge, GALE Pacific assumes no obligation or liability for the suitability of its products in any specific end use application. It is the customer's responsibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations.

Precautions For Use

Exposure standards	Not established
Engineering controls	Weld only in well ventilated areas.
Personal protection	Normal occupational hygiene when handling the product provides adequate protection.
Flammability	Extinguish by water or extinguisher.

Storage Requirements

Storage & Transport	Avoid contact with strong oxidising agents. Store using good housekeeping standards to avoid sources of ignition, and maintain fire fighting equipment, etc.
Spills & Disposal	Incinerate under supervised conditions, according to government regulations. Dispose as an inert solid in a land fill according to regulations.
Fire & Explosion	The product may accumulate static charges which may cause an incendiary electrical discharge. Thermal decomposition temperature is approximately 280-300°C (536-572°F). Combustion produces carbon dioxide and carbon monoxide, with small quantities of other organic chemicals, including acrolein.

OTHER INFORMATION

N/A

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