

Commercial FR 300



Material Safety Data Sheet

Shadecloth Range

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Identification

Product Name	Commercial FR 300	UN Number	Not Applicable
Other Names	SAFRSHADE	Hazchem Code	Not Applicable
Product Code	Refer Product Profile	Dangerous Goods Class	Not Applicable
		Poisons Schedule	Not Applicable
Application	Shadecloth for use in architectural tension structures, shade sails etc, where a level of flame retardancy is required		

Physical Description & Properties

Appearance	Odourless knitted fabric in varying colours	Flashpoint	Not applicable
Melting point	140 °C (284 °F)	Flammability limits	Refer Product Profile
Vapour pressure	Not applicable	Solubility in water	Insoluble
Specific Gravity	0.9		
Other properties			
Ingredients			

Chemical Entity	CAS no.	Proportion
Polyethylene	9002-88-4	~ 85%
Proprietary Flame Retardant Additives	-	~ 10%
Hindered light amine stabiliser	-	~ 1%
Other proprietary pigments and additives	-	~ 4%

Health Effects

Exposure

Ingestion	This product is of a solid nature and should not be swallowed.	First Aid	If necessary, seek medical advice.
Eye	May irritate the eye from physical contact.	First Aid	This product is of a solid nature and should not contact the eye. Seek medical advice.
Skin	This fabric may be fabricated using high temperature equipment - beware of molten material.	First Aid	If molten plastic contacts the skin, cool affected area rapidly under cold, clean running water. Do not peel molten plastic from skin. Seek medical advice.
Inhalation	Avoid fumes and or dust generated from, welding, burning or dust from other handling	First Aid	If affected by fumes or dust, remove to a clean well ventilated area. If necessary, seek medical advice

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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.

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Precautions For Use

Exposure standards	Not established
Engineering controls	Fabricate in normal well ventilated areas, use additional ventilation or exhaust extraction systems when welding or hot knife cutting.
Personal protection	Use of general purpose protective gloves is recommended (but not essential) when handling fabric. Wash hands after working with fabric.
Flammability	Fabric is combustible if sufficient flame is applied - but will have a low level of flammability. Extinguish by using water spray or extinguisher foam.
Environment	Not hazardous to water. May not break down readily when exposed to microbial attack during landfill disposal.

Storage Requirements

Storage	Store in a cool dry area away from direct sunlight, halogens and highly acidic substances.
Handling & transport	Use caution when loading and unloading fabric from vehicles. Refer to Product Profile for approximate roll weights.
Spills & Disposal	The product is solid and therefore not subject to spillage. Incinerate under controlled conditions according to local regulations or dispose as an inert solid in a land fill according to local 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 may produce carbon dioxide, carbon monoxide, oxides of nitrogen and sulphur as well as small quantities of other organic chemicals.

OTHER INFORMATION

The resins and additives used in the material are not suitable for food contact.

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