

Commercial Heavy 430FR



Material Safety Data Sheet

Shadecloth Range

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Identification

Product Name	Commercial Heavy 430FR	UN Number	Not Applicable
Other Names	Comm Heavy FR, Comm 430FR	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, privacy screens, windbreaks, etc.		

Physical Description & Properties

Appearance	Odourless knitted fabric in varying colours	Flashpoint	330-410°C
Melting point	~ 140°C (284 °F)	Flammability limits	Refer Product Profile
Vapour pressure	Not applicable	Solubility in water	Insoluble
Specific Gravity	0.93 g/cm ³		
Other properties			
Ingredients			

Chemical Entity	CAS no.	Proportion
Polyethylene	9002-88-4	~ 85%
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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FOR MORE INFORMATION – PLEASE CONTACT:

Australia	Gale Pacific Ltd. PO Box 892, Braeside, Victoria, 3195	Phone +61 3 9518 3333	Fax +61 3 8888 9973
UAE	Gale Pacific FZE. PO Box 17696, Jebel Ali, Dubai	Phone +971 4 881 7114	Fax +971 4 881 7167
USA	GALE Pacific USA, Inc. 285 W. Central Parkway STE 1704 Altamonte Springs, FL 32714	Phone +1 407 772 7900	Fax +1 407 772 0553

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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	Combustible but of low 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.

CONTACT POINT

Category Manager – Commercial Fabrics
Telephone: (03) 9518 3333.

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