

# Commercial 95<sup>TM</sup>



**Material Safety Data Sheet**

**Shadecloth Range**

Page 1 of 2  
Rev.1 11/03

## Identification

<b>Product Name</b>	Commercial 95	<b>UN Number</b>	Not Applicable
<b>Other Names</b>	Com95	<b>Hazchem Code</b>	Not Applicable
<b>Product Code</b>	Refer Product Profile	<b>Dangerous Goods Class</b>	Not Applicable
		<b>Poisons Schedule</b>	Not Applicable
<b>Application</b>	Shadecloth for use in architectural tension structures, shade sails etc.		

## Physical Description & Properties

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

<b>Chemical Entity</b>	<b>CAS no.</b>	<b>Proportion</b>
Polyethylene	9002-88-4	~ 95%
Hindered light amine stabiliser	-	~ 1%
Other proprietary pigments and additives	-	~ 4%

## Health Effects

### Exposure

<b>Ingestion</b>	This product is of a solid nature and should not be swallowed.	<b>First Aid</b>	If necessary, seek medical advice.
<b>Eye</b>	May irritate the eye from physical contact.	<b>First Aid</b>	This product is of a solid nature and should not contact the eye. Seek medical advice.
<b>Skin</b>	This fabric may be fabricated using high temperature equipment - beware of molten material.	<b>First Aid</b>	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.
<b>Inhalation</b>	Avoid fumes and or dust generated from, welding, burning or dust from other handling	<b>First Aid</b>	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 145, Braeside, Victoria, 3195	Phone +61 3 9518 3333	Fax +61 3 9518 3398
UAE	Gale Pacific FZE. PO Box 17696, Jebel Ali, Dubai	Phone +971 4 881 7114	Fax +971 4 881 7167
USA	Gale Pacific Inc. Suite 105 2400 Maitland Center Parkway, Maitland, Florida, 32751	Phone +1 407 667 9135	Fax +1 407 838 0250

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Page 2 of 2  
Rev.1 11/03

## Precautions For Use

<b>Exposure standards</b>	Not established
<b>Engineering controls</b>	Fabricate in normal well ventilated areas, use additional ventilation or exhaust extraction systems when welding of hot knife cutting.
<b>Personal protection</b>	Use of general purpose protective gloves is recommended (but not essential) when handling fabric.
<b>Flammability</b>	Combustible but of low flammability. Extinguish by using water spray or extinguisher foam.
<b>Environment</b>	Not hazardous to water. May not break down readily when exposed to microbial attack during landfill disposal.

## Storage Requirements

<b>Storage</b>	Store in a cool dry area away from direct sunlight, halogens and highly acidic substances.
<b>Handling &amp; transport</b>	Use caution when loading and unloading fabric from vehicles. Refer to Product Profile for approximate roll weights.
<b>Spills &amp; Disposal</b>	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.
<b>Fire &amp; Explosion</b>	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.

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