

Brattice J



Material Safety Data Sheet

Specialty Range

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Identification

Product Name	Brattice J	UN Number	Not Applicable
Other Names	Flame retardant and anti-static polypropylene fabric	Hazchem Code	Not Applicable
Product Code	Refer Product Profile	Dangerous Goods Class	Not Applicable
		Poisons Schedule	Not Applicable
Application	Ventilation ducting and sheeting in coal mines		

Physical Description & Properties

Appearance	Off white coloured fabric sheeting at 20°C, (68°F), odourless	Flashpoint	Above 310°C, (590°F)
Melting point	Melting Point approx. 160°C, (320°F)	Flammability limits	Refer Product Profile
Vapour pressure	Not applicable	Solubility in water	Insoluble
Specific Gravity	Approx. 1.1		
Other properties			
Ingredients			

Chemical Entity	CAS no.	Proportion
Polyethylene	9002-88-4	Approx. 17%
Polypropylene	9003-07-0	Approx. 73%
Titanium dioxide	13463-67-7	Approx. 0.2%
Octadecanoic acid, zinc salt	557-05-01	Approx. 0.3%
Lead oxide (PbO ₂)	1309-60-0	Less than 0.10%
Antimony oxide	1309-64-4	Approx. 3%
Arsenic	7440-38-2	Less than 0.10%
Ethylene Bis-Tetrabromo phthalimide	32588-76-4	Approx. 7%
Fluoroelastomer processing aid	-	Less than 0.10%

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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Health Effects

Exposure

Ingestion	Harmful if swallowed in large amounts – possible metal poisoning.	First Aid	Seek medical advice in case of ingestion in large amounts.
Eye	The fabric should not be allowed to contact the eyes as may cause eye irritation.	First Aid	Flush with large amounts of water & seek medical advice.
Skin	May cause skin rashes, especially on moist skin (antimony measles). The fabric is welded at high temperatures, beware of contact with molten material).	First Aid	Flush with large amounts of water. (If molten material contacts the skin, cool rapidly and do not peel off).
Inhalation	Avoid breathing the fumes generated during welding or burning – may cause mucous membrane irritation.	First Aid	Remove to fresh air.

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. Use of gloves is recommended but is not a necessity.
Flammability	Of low flammability. Extinguish by water or extinguisher. Fabric may emit hydrogen halide gas if continually burnt.

Storage Requirements

Storage and Transport	Store product indoors in a cool dry place away from direct sunlight. Avoid contact with strong oxidising agents. Store using good housekeeping standards to avoid sources of ignition and maintain fire fighting equipment, etc.
Spills & Disposal	Collect waste fabric and dispose according to local government regulations. Normally suitable for disposal at approved land waste site.
Fire & Explosion	Thermal decomposition temperature is approximately 300°C, (572°F). Combustion produces carbon dioxide, carbon monoxide and hydrogen bromide with small quantities of other organic chemicals.

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OTHER INFORMATION

The fabric does not meet Australian Standard AS 2070 for food contact.

TOXIC SUBSTANCES CONTROL ACT (TSCA)

This Act requires that all chemicals imported, produced or used in US manufacture be registered in the Chemical Substance Inventory. This product contains the following chemicals therein registered:

637-12-7	Octadecanoic acid, aluminium salt, aluminium tristearate
1309-60-0	Lead oxide (PbO ₂)
1309-64-4	Antimony oxide
7440-38-2	Arsenic
9003-07-0	Polypropylene
9002-88-4	Polyethylene
32588-76-4	1H-Isoindole-1, 3(2H)-dione, 2,2'-(1,2-Ethanediy)
	Bis(4,5,6,7-Tetrabromo)
13463-67-7	Titanium dioxide

SUPER FUND AMEDEMMENT REATUHORISATION ACT (SARA TITLE III, SECTION 313) SUPLLIER NOTIFICATION

This product contains the following chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

<u>CAS#</u>	<u>Chemical Name</u>	<u>Approx. Pct. By Weight</u>
1309-64-4	ANTIMONY OXIDE	3%

This information must be included in all MSDS's that are copied and distributed for this material.

HAZARD DATA CONTAINED HEREIN WAS OBTAINED FROM RAW MATERIAL (MASTERBATCH) SUPPLIERS

Although Gale Pacific Ltd believes the information is accurate and reliable, it is not suggested that these hazard precautions or procedures are the only ones which exist. Gale Pacific Ltd does not make or give any warranty or guarantee whatsoever (other than any implied by statue which may not be excluded) with respect to the information, and by using the information the user undertakes not to hold Gale Pacific Ltd liable or responsible in any way whatsoever in relation or consequential to such use. Although care has been taken in compiling the information, Gale Pacific Ltd hereby expressly disclaims any liability whatsoever in respect of any accidental or negligent misstatement forming part of this information.

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