

Technical Data Sheet

PPC No. 493 REINFORCED ALUMINIUM FOIL TAPE

DESCRIPTION:

THE UNIQUE NATURE OF THE BACKING GIVES THIS PRODUCT A RARE COMBINATION OF HIGH STRENGTH, FLEXIBILITY AND CONFORMABILITY. THE PRESSURE SENSITIVE ADHESIVE SYSTEM IS FORMULATED FOR HIGH HOLDING POWER.

TE	CHN	ICAL	DAT	$\Gamma \mathbf{A}$:

BACKING LAMINATED POLYETHYLENE FILM

POLYETHYLENE FIBRE MESH

ALUMINIUM FOIL

TENSILE STRENGTH 100 N/25mm

ADHESIVE TYPE SYNTHETIC RUBBER/RESIN

ADHESION TO STEEL 20 N/25mm

ELONGATION AT BREAK 25%

TOTAL THICKNESS WITHOUT LINER 205 MICRONS (µm)

TEMPERATURE RANGE -5°C UP TO 65°C

50 METRE ROLL LENGTHS

AVAILABLE WIDTHS	NUMBER OF ROLLS PER CARTON
48MM	20
63MM	16
72MM	16
96MM	12
120MM	8

APPLICATION NOTE:

It is recommended that surfaces to which the tape is to be applied are cleaned with mineral turpentine and allowed to dry before application

PRECISION PAPER COATINGS PTY LTD PH: +61 (02) 9780 9000 FAX +61(02) 97289966

The detail in this leaflet refers to average test results obtained in our laboratory out of samples chosen from average production. The results are purely indicative and it is recommended that the user independently ascertain suitability for the application.





MATERIAL SAFETY DATA SHEET

Date Revised: 13-Apr-12 Revision No. 3-02

SECTION 1: Product and Manufacturer Information

No.493 Aluminium Foil Tape Used for vapour sealing air conditioning ducting.

Precision Paper Coatings Pty.Ltd. ABN 30 000 845 518 25 Miowera Rd., Villawood, NSW 2163 Tel: (02) 9780 9000 (Business Hours)

Fax: (02) 9728 9966 Email: lab@ppcpl.com.au

SECTION 2: Hazards Identification

The product is considered a non hazardous, non dangerous material. The product is not considered to present any hazards when used according to approved working procedures.

SECTION 3: Composition / Information on Ingredients

Ingredients	CAS No.	Proportion
Aluminium Foil	CAS 7429-90-5	30-60%
Silicone coated paper	Not Available	10-30%
SIS Block Copolymer	CAS 25038-32-8	10-30%
Hydrocarbon resin	CAS 220543-67-9	<10%
Hydrocarbon resin	CAS 64742-16-1	<10%
Hydrocarbon resin	CAS 26813-14-9	<10%
Antioxidant	CAS 6683-19-8	<10%

SECTION 4: First Aid Measures

No special measures.

Inhalation: Not hazardous under trained industry usage.
Skin Contact: Skin contact with the adhesive surface should be

avoided as removal may be painful.

Short term exposure is not harmful but long term contact may cause irritation in sensitive inividuals.

Eye Contact: Irrigate with clean water, if irritation persists seek

medical advice.

Ingestion: Treat as ingestion of inert/indigestible matter.

SECTION 5: Fire Fighting Measures

The product is not classified as flammable but can burn.

Extinguishing media could include water spray, carbon dioxide, foam and dry powder.

Combustion will release toxic fumes of carbon monoxide.

Australian Standard 1530 Part 3: Test for Early Fire Hazard

Ignitability Index: 0 Scale (0-20)
Spread of Flame Index: 0 Scale (0-10)
Heat Evolved Index: 0 Scale (0-10)
Smoke Developed Index: 0-1 Scale (0-10)

SECTION 6: Accidental Release Measures

No precautions necessary, collect spilled rolls manually.

SECTION 7: Handling and Storage

No special requirements.

Store in original carton preferably below 30°C and away from direct sunlight.

SECTION 8: Exposure Controls / Personal Protection

Under normal conditions the product does not present a health hazard.

National Exposure Standards:

Biological Limit Values:

Engineering Controls:

Not Applicable

Not Applicable

Personal Protective Equipment:

Eyes: Safety glasses recommended

Hands: Not Applicable Respiratory: Not Applicable

SECTION 9: Physical and Chemical Properties

The product is a roll of pressure adhesive tape with a shiny metallic appearance.

It has a slight resinous odour.

It is insoluble in water.

SECTION 10: Stability and Reactivity

The product is stable under normal usage.

Flammable decomposition products above 200°C.

Aluminium will release hydrogen gas if exposed to acids or bases.

SECTION 11: Toxicological Information

No intrinsic health hazard if used according to accepted working practices.

SECTION 12: Ecological Information

Good working practices should be adopted when using this product

to avoid release into the environment.

Water Toxicity: Data not available Persistence/Degradability: Data not available

SECTION 13: Disposal Considerations

Surplus product may be recycled to reclaim the aluminium or disposed of at approved land fill sites in accordance with local laws.

SECTION 14: Transport Information

Not dangerous.

SECTION 15: Regulatory Information

Labelling not required.

SECTION 16: Other information

The data contained in this safety data sheet is based on current knowledge and no guarantee can be given as to the sufficiency of the information. The user must ensure the suitability of the information according to the specific use intended. Additional measures may be required under particular or exceptional circumstances.

Issued 13 April 2012



Emission Test Certificate

Monday February 23rd, 2009

Supplier: Precision Paper Coatings Pty Ltd

25 Miowera Road

Villawood NSW 2163

Product Description: Reinforced Aluminium Foil Tape (PPC #493)

Date Tested: February 2009

Test Method: ASTM D5116 "Standard Guide for Small-Scale Environmental Chamber

Determinations of Organic Emissions from Indoor Material/Products".

Emission Data:

Reinforced Aluminium Foil Tape	Total Volatile Organic Compound Specific Area Emission Rate mg/m²/hr		
24 hours	0.25		

This product can be classed as low VOC-emitting. The material emissions are less than the recognised threshold of 0.5 mg/m²/hr; e.g. "Green Star".

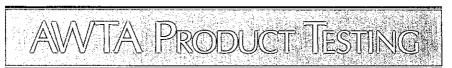
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TEST REPORT

CLIENT : PRECISION PAPER COATINGS P/L

25 MIOWERA ROAD

VILLAWOOD NSW 2163

TEST NUMBER: 7-563826-CN

DATE

: 18/12/2008

SAMPLE DESCRIPTION Clients ref: "493"

Reinforced foil tape Colour: Silver

THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION WITH THE COMMENTS ON THE FOLLOWING PAGE(S)

Material Specification provided by client:

Nominal composition: Layer 1 - Aluminium foil

Layer 2 - Polyolefin reinforced Mesh

Layer 3 - 70u thick pressure sensitive adhesive

Nominal thickness: 205um (without liner)

Nominal mass: 150g/m2

AS/NZS

Simultaneous determination of Ignitability, Flame

Propagation, Heat Release and Smoke Release

RESULTS:

1530.3 - 1999

Face tested: Face

Date tested: 08/12/2008

	. 1	Mean	7	Standard Error
Ignition time		Nil	min	Nil
Flame propagation time		Nil	s	Nil
Heat release integral		Nil	kJ/m2	Nil
Smoke release, log d		Nil		Nil
Optical density, d	. :	Nil	/m	

Number of specimens ignited:

Number of specimens tested: 6

REGULATORY INDICES: Ignitability Index n Range 0-20

Spread of Flame Index n. Range 0-10 Heat Evolved Index 0 Range 0-10 Smoke Developed Index 0 - 1Range 0-10

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