



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.

TECHNICAL DATA:

| | |
|-------------------------------|--|
| 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 individuals. |
| 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: | Not Applicable |
| Biological Limit Values: | Not Applicable |
| Engineering Controls: | 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/m ² /hr; e.g. "Green Star". | |



Dr. Vyt Garnys
PhD, BSc(Hons) AIMM, ARACI, ISIAQ
ACA, AIRAH, FMA
Managing Director and Principal Consultant

CV090212

