



SAFETY DATA SHEET

3M™ Aluminium Foil Tape

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

1.1. Product identifier

3M™ Aluminum Foil Tape 425, 427, 431, 439, 1402, 1404, 1406, 1410, 1417, 1449, 1450, 97065 & 3M™ High Temperature Al Foil Tape 433 & 433L & 3M™ Heavy Duty Al Foil Tape 438 & Scotch® Foil Tape 3311 & 3326 and Headliner Tape 12150

1.2. Recommended use and restrictions on use

Recommended use
Sealing, Bundling, Attachment and Reinforcement, Industrial use.
For Industrial or Professional use only.

Details of Supplier/Manufacturer

Company: Penske Power Systems
Address: 488 Blackshaws Road, Altona North, Victoria 3025
Phone: (03) 9243 9292
Fax: (03) 9243 9271
Website: www.penskeps.com

Emergency Telephone Numbers

All Hours: 1800 625 526
Poisons Information:
Australia: 13 11 26
New Zealand: 0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

This product is NOT classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011.

This product is an article and is not regulated by the Model Work Health and Safety Regulations (2011) because, it is not classified as hazardous. When used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.
Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification.

2.1. Classification of the substance or mixture

Not applicable.

2.2. Label elements

Signal word Not applicable.
Symbols Not applicable.
Pictograms Not applicable.

2.3. Other assigned/identified product hazards

None known.

2.4. Other hazards which do not result in classification

None known.

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

This material is a mixture.

| Ingredient | CAS Nbr | % by Weight |
|---------------------------------------|--------------|-------------|
| Aluminum Foil Backing | None | 51 - 99 |
| Acrylic, Rubber, or Silicone Adhesive | Trade Secret | 1 - 49 |

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SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation No need for first aid is anticipated.
Skin contact No need for first aid is anticipated.
Eye contact No need for first aid is anticipated.
If swallowed No need for first aid is anticipated.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5 FIRE FIGHTING MEASURES

5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2. Environmental precautions

Not applicable.

6.3. Methods and material for containment and cleaning up

Not applicable.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

7.2. Conditions for safe storage including any incompatibilities

Not applicable.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

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8.2. Exposure controls

8.2.1. Engineering controls

Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Eye protection not required.

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

Respiratory protection is not required.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Solid.

Appearance/Odor

silver colored aluminum foil tapes with silicone, rubber, or acrylic adhesive with or without liner

Odor threshold

Not applicable.

pH

Not applicable.

Melting point/Freezing point

Not applicable.

Boiling point/Initial boiling point/Boiling range

Not applicable.

Flash point

Not applicable.

Evaporation rate

Not applicable.

Flammability (solid, gas)

Not classified

Flammable Limits(LEL)

Not applicable.

Flammable Limits(UEL)

Not applicable.

Vapor pressure

Not applicable.

Vapor density

Not applicable.

Density

Not applicable.

Relative density

Not applicable.

Water solubility

Nil

Solubility- non-water

Not applicable.

Partition coefficient: n-octanol/water

Not applicable.

Auto ignition temperature

Not applicable.

Decomposition temperature

Not applicable.

Viscosity

Not applicable.

Volatile organic compounds (VOC)

Not applicable.

Percent volatile

Not applicable.

VOC less H₂O & exempt solvents

Not applicable.

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

This material is considered to be non-reactive under normal use conditions

10.2 Chemical stability

Stable.

10.3. Conditions to avoid

None known.

10.4. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.5 Incompatible materials

None known.

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10.6 Hazardous decomposition products

Substance Condition
None known.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

SECTION 11 TOXICOLOGICAL INFORMATION

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

| | |
|--------------|---------------------------------|
| Inhalation | No health effects are expected. |
| Skin contact | No health effects are expected. |
| Eye contact | No health effects are expected. |
| Ingestion | No health effects are expected. |

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|-----------------|-----------|---------|--|
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |

ATE = acute toxicity estimate

| | |
|--|---|
| Skin Corrosion/Irritation | For the component/components, either no data are currently available or the data are not sufficient for classification. |
| Serious Eye Damage/Irritation | For the component/components, either no data are currently available or the data are not sufficient for classification. |
| Skin Sensitization | For the component/components, either no data are currently available or the data are not sufficient for classification. |
| Respiratory Sensitization | For the component/components, either no data are currently available or the data are not sufficient for classification. |
| Germ Cell Mutagenicity | For the component/components, either no data are currently available or the data are not sufficient for classification. |
| Carcinogenicity | For the component/components, either no data are currently available or the data are not sufficient for classification. |
| Reproductive Toxicity Reproductive and/or Developmental Effects | For the component/components, either no data are currently available or the data are not sufficient for classification. |

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| | |
|--|---|
| Target Organ(s) Specific Target Organ Toxicity - single exposure | For the component/components, either no data are currently available or the data are not sufficient for classification. |
| Specific Target Organ Toxicity - repeated exposure | For the component/components, either no data are currently available or the data are not sufficient for classification. |
| Aspiration Hazard | For the component/components, either no data are currently available or the data are not sufficient for classification. |
| Exposure Levels | Refer Section 8.1 Control Parameters of this Safety Data Sheet. |
| Interactive Effects | Not determined. |

SECTION 12 ECOLOGICAL INFORMATION

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

Acute aquatic hazard:

Not acutely toxic to aquatic life by GHS criteria.

Chronic aquatic hazard:

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

No component test data available.

12.2. Persistence and degradability

No test data available.

12.3. Bio accumulative potential

No test data available.

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

No information available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.



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SECTION 14 TRANSPORT INFORMATION

Australian Dangerous Goods Code (ADG) - Road/Rail Transport

UN No.: Not applicable.
Proper shipping name: Not applicable.
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.

Hazchem Code: Not applicable
IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport

UN No.: Not applicable.
Proper shipping name: Not applicable.
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.

International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: Not applicable.
Proper shipping name: Not applicable.
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.
Marine Pollutant: Not applicable.

SECTION 15 REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Australian Inventory Status:

This product is defined as an article under the Industrial Chemicals (Notification and Assessment) Act 1989, as amended, and is exempt from inventory requirements under the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

Poison Schedule: This product has not been assessed for poisons scheduling as the product is intended for industrial and professional use only.

SECTION 16 OTHER INFORMATION

Revision information:

Conversion to GHS format SDS.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications. Greenguard® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

3M Australia SDSs are available at www.3m.com.au