

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

General Name: SF 686 Pressure Sensitive Aluminum Foil Tape	<table border="1"> <thead> <tr> <th colspan="2">HMIS III</th> <th rowspan="6">Icons: None</th> </tr> </thead> <tbody> <tr> <td colspan="2">SF 686 Pressure Sensitive Aluminum Foil Tape</td> </tr> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>1</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td>B</td> </tr> </tbody> </table>	HMIS III		Icons: None	SF 686 Pressure Sensitive Aluminum Foil Tape		HEALTH	1	FLAMMABILITY	1	PHYSICAL HAZARD	0	PERSONAL PROTECTION	B
HMIS III		Icons: None												
SF 686 Pressure Sensitive Aluminum Foil Tape														
HEALTH			1											
FLAMMABILITY			1											
PHYSICAL HAZARD			0											
PERSONAL PROTECTION	B													
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Prepared Date: 7 January, 2009	Prepared By: EHS Group													
24-Hour Emergency Phone Number														
CHEMTREC -1-800-424-9300	CHEMTREC Customer Number: 20165													

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>% Weight</u>
Aluminum Foil	7429-90-5	20-25 %
Rubber Adhesive	Proprietary	70-75 %
Release Liner	Proprietary	2-8 %

3. HAZARDS IDENTIFICATION

Emergency Overview

May cause skin or eye irritation by mechanical abrasion or by sensitivity to polymers.

Note: If this product is subject to combustion it will undergo hazardous decomposition that will yield the formation and release of hazardous substances including but not limited to carbon dioxide, carbon monoxide, polycyclic organic matter, and smoke. Exposure may cause irritation of the eyes, skin, and respiratory tract. Symptoms such as coughing, tearing, and irritation should be regarded as potentially hazardous and measures should be taken to avoid exposure.

4. FIRST AID MEASURES

Eyes

If wearing contact lenses, remove. Hold eyelids apart and immediately flush eyes with plenty of low-pressure water for at least 15 minutes. Get medical attention if irritation persists.

Skin

Wash with soap and water. Seek medical attention if irritation develops or persists.

Ingestion:

Do not give anything by mouth to an unconscious person. Seek medical attention.

Inhalation

Not applicable.

5. FIRE FIGHTING MEASURES

Flash Point (°F)	<i>Not Determined</i>
LEL	<i>Not Determined</i>

Auto Ignition Temp (°F)	<i>Not Determined</i>
UEL	<i>Not Determined</i>

Hazardous Products of Combustion

If this product is subject to combustion it will undergo hazardous decomposition that will yield the formation and release of hazardous substances including but not limited to carbon dioxide, carbon monoxide, polycyclic organic matter, and smoke.

Fire and Explosion Hazards

Minimal fire hazard as supplied. Polymers in adhesive and polymer backed cloth will support combustion.

Extinguishing Media

X	Foam	X	Water Spray	X	CO2	X	Dry Chemical
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Fire Fighting Instruction

Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

7. HANDLING AND STORAGE

Handling

Material will be tacky/sticky. Recommend the use of light weight cloth or leather gloves for actual handling of material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection

Safety glasses with side-shields recommended

Skin Protection

Normal lightweight work clothing will minimize skin contact. Use of lightweight cloth or leather gloves recommended.

Respiratory Protections

No adverse respiratory exposure anticipated under normal use

Engineering Controls

No special engineering controls are required

Exposure Guidelines

Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	N/A	Melting Point	N/A
Specific Vapor Density	N/A	Percent Volatiles	<1%
Specific Gravity	N/A	Evaporation Rate	N/A
Appearance	Silver	State	Solid at Ambient Temperature
Odor	No Strong odor	pH	N/A
Viscosity	N/A	Freezing Point	N/A
Molecular Weight	N/A	Solubility in H ₂ O	negligible

10. STABILITY AND REACTIVITY

Hazardous Polymerization

Not anticipated under normal or recommended handling, use, or storage conditions.

Hazardous Decomposition

None anticipated under normal or recommended handling, storage, and use conditions.

If this product is subject to combustion it will undergo hazardous decomposition that will yield the formation and release of hazardous substances including but not limited to carbon dioxide, carbon monoxide, polycyclic organic matter and particulate matter. This is not the intended use for this product.

Chemical Stability

Stable

Incompatibility

Incompatible with: strong acids and oxidizing agents

11. TOXICOLOGICAL INFORMATION

Exposure to chemicals and possible effects will not occur with normal use.

12. ECOLOGICAL INFORMATION

No Data

13. DISPOSAL CONSIDERATION

Waste Management Information

This material is considered to be non-hazardous under EPA's RCRA regulations. Dispose of per appropriate local regulations. Product is not recyclable.

14. DOT Information – 49 CFR 172.101

DOT description:

Material is not a hazardous material when shipped

Container / Mode:

Various size packages can be utilized for shipping this material

NOS Component:

None

RQ (Reportable Quantity) – 49 CFR 172.101

Product Quantity (lbs) - None

Other Transportation Information

The DOT Transport Information may vary with the container and mode of shipment

15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (UNITED STATES) The intentional ingredients of the product are listed.

DSL (Canada)

The intentional ingredients of this product are listed.

CERCLA RQ – 40 CFR 302.4 (a)

None

CERCLA RQ – 40 CFR 302.4 (b)

None

SARA 302 Components 0 40 CFR 355 Appendix A

None

Section 311 / 312 Hazard Class – 40 CFR 370.2

Immediate (X) Delayed () Fire (X) Reactive () Sudden Release of Pressure ()

Immediate for the molten liquid state only

OSHA Process Safety Management 29 CFR 1910

None listed

EPA Accidental Release Prevention 40 CFR 68

None listed

State and Local Regulations

California Proposition 65

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986<>Use of Shurtape Pressure Sensitive Tape products poses no significant risk as defined by California Proposition 65<>

EU Directives

94/62/EC – Packaging and Packaging Waste Directive and CONEG Model legislation for the restriction of metals in packaging. Complies with standard of less than 100 PPM total concentration Cd, Cr⁺⁶, Hg, and Pb.

2002/95/EC – Restriction on the use of certain hazardous substances in electrical and electronic equipment. Complies with this standard with less than 100 PPM total concentration Cd, Cr⁺⁶, Hg, and Pb. This product does not utilize brominated flame retardants.

16. OTHER INFORMATION

US Green Building Council – LEED®

The following information addresses the allowable credits that may be claimed in accordance with Green Building Rating System for New Construction and Major Renovations, version 2.2

Indoor Environmental Quality: EQ Credit 4.1: Low-Emitting Materials (p. 69):

Adhesives & Sealants: Substrate Specific Applications:

Metal to Metal: VOC content < 30 g/l [in accordance with SCAQMD Rule #1168]

Actual VOC content: < 10 g/l [based upon testing conducted in accordance with SCAQMD Rule #1168]

Credit: 1 point

The following information addresses the allowable credits that may be claimed in accordance with LEED® for Homes Rating System

Materials and Resources: MR Credit 2.2: Environmentally Preferable Products:

Table 24 – Environmentally Preferable Products : Adhesives and Sealants (see Table 26)

Table 26 – Standards for Low-Emissions Adhesives and Sealants (meet SQAQMD Rule #1168)

Substrate Specific Applications:

Metal to Metal: VOC content < 30 g/l [in accordance with SCAQMD Rule #1168]

Actual VOC content: < 10 g/l [based upon testing conducted in accordance with SCAQMD Rule #1168]

Credit ½ point

As defined by the Code of Federal Regulations 1910. 1200, this product is considered to be an article, defined in the regulation as a “manufactured item other than a fluid or particle: (I) which is formed to a specific shape or design during manufacture; (II) has an end use function(s) dependent in whole or in part upon its shape or design during end use; and (III) which does not

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release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.”

This information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable for their circumstances.