

1. Identification:

Product Name: **NP424**

Other/Generic Names: **Punching General Purpose Epoxy/Composite Laminate**

Recommended Use: Industrial Use of Thermoset Laminate

Manufacturer: Norplex-Micarta
665 Lybrand St.
Postville, IA 52162
800-848-4431 (NOT for emergency contact)

Emergency Contact Information: Product as shipped is NOT hazardous and is NOT regulated for transportation. For non-transportation emergencies, contact authorities as required by conditions.

2. Hazard(s) Identification:

GHS Hazard Classification: No hazards are associated with this product as shipped. Hazards are associated with product only after further processing (machining, punching) or after thermal decomposition.

Dust generated from further processing or fumes generated from thermal decomposition:

Health, Specific target organ toxicity, single exposure, 3
Health, Skin corrosion/irradiation, 2
Health, Eye damage/irritation, 2B
Physical, Combustible dust
Carcinogenicity, Category 2

Hazard Pictogram: Not applicable for product as shipped. For dust generated from further processing or fumes generated from thermal decomposition:



Signal Word: Not applicable for product as shipped. For dust generated from further processing or fumes generated from thermal decomposition:

WARNING

**Industrial Laminates/Norplex, Inc.**

665 Lybrand St., POB 977
Postville, IA 52162 – 0977
Customer Service Phone: 800-350-9490
General Phone Number: 800-848-4431
Customer Service Fax: 800-350-9491
Email: info@norplex-micarta.com

Hazard Statement(s): Not applicable for product as shipped. For dust generated from further processing or fumes generated from thermal decomposition:

May cause respiratory irritation

Causes skin irritation

Causes eye irritation

May form combustible dust concentrations in air

Suspected of causing cancer (This product contains antimony oxide (Sb_2O_3), which is a hazard by inhalation. IARC has listed antimony oxide as Class 2B, possibly carcinogenic to humans).

Precautionary Statement(s):

Prevention: For dust generated from further processing or fumes generated from thermal decomposition:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Wear protective gloves & clothing to avoid dust contact with skin, wear protective glasses to avoid dust contact with eyes, avoid breathing dust or fumes, process only when adequate ventilation and dust controls are in place.

Response: For dust generated from further processing or fumes generated from thermal decomposition:

If on skin, wash thoroughly with water. If skin irritation persists, consult a physician. Remove contaminated clothing and wash before reuse.

If in eyes, irrigate cautiously with flowing water for 15 minutes, remove contact lenses if easy to do. If eye irritation persists, consult a physician.

If overcome by dust or fumes, remove to fresh air and keep comfortable for breathing. Consult a physician if not breathing or feeling unwell.

If dust becomes airborne, reduce levels below concentrations required to cause explosive conditions.

Storage:

The product as shipped requires no specific storage considerations.

Disposal:

The product as shipped is not considered hazardous. Be sure to follow all local, state and federal regulations when considering a disposal method.

3. Composition/Information On Ingredients:

Component	CAS Number	Weight %
Antimony Oxide (Sb ₂ O ₃)	1309-64-4	<2%

4. First Aid Measures:

For dust generated from further processing or fumes generated from thermal decomposition:

If on skin, wash thoroughly with water. If skin irritation persists, consult a physician. Remove contaminated clothing and wash before reuse.

If in eyes, irrigate cautiously with flowing water for 15 minutes, remove contact lenses if easy to do. If eye irritation persists, consult a physician.

If overcome by dust or fumes, remove to fresh air and keep comfortable for breathing. Consult a physician if not breathing or feeling unwell.

Advice to physician: Treat symptomatically

5. Fire Fighting Measures:

May give off toxic gases of bromide and bromine and oxides of nitrogen when burning or heated to point of thermal decomposition. Fire fighters should wear proper protective equipment and positive pressure self-contained breathing apparatus. Use water, CO₂ or dry chemical to fight fire.

6. Accidental Release Measures:

Material as shipped is in solid form. Accidental release is not normally a consideration.

7. Handling and Storage:

Handle only with proper protective equipment or in environments where adequate ventilation is available to avoid exposure to dust and fumes and which can reduce airborne concentrations to levels sufficiently low to avoid combustion. The product as shipped requires no specific storage considerations.

8. Exposure Controls/Personal Protection:

Use local exhaust ventilation to control dust. Use protective gloves and protective clothing if dust will come in contact with skin. Use protective glasses if dust will come in contact with eyes. If dust exposure will exceed exposure guidelines, use an approved dust respirator.

Exposure Guidelines:

Ingredient Name:	CAS #	ACGIH TLV	OSHA PEL (TWA)
Fibrous Glass Dust	(65997-17-3)	10 mg/m ³	None
Antimony Oxide	(1309-64-4)	0.5 mg/m ³	0.5 mg/m ³

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9. Physical and Chemical Properties:

Form: Solid, flat sheet
Odor (if any): No data.
Specific Gravity: 1.6

10. Stability and Reactivity:

This product is stable under expected handling and storage conditions. Incompatibilities have not been determined. If heated in excess of 300 deg C, products of combustion could include: bromide and bromine and oxides of nitrogen.

11. Toxicological Information:

Effects of overexposure: At least one ingredient in this formulation is a possible human carcinogen.

12. Ecological Information:

No data available.

13. Disposal Considerations:

Product as shipped is NOT considered a RCRA hazardous waste. However, disposal must be made in accordance with all local, state and federal regulations.

14. Transport Information:

Product as shipped is NOT a DOT regulated material.

15. Regulatory Information:

Specific regulatory considerations should be addressed as they arise. Due to changing regulatory environments, it is not possible to list all considerations.

16. Other information:

Product Name Additions Level: 2

Date of Last Revision: April 28, 2017

END OF SAFETY DATA SHEET