

**Industrial Laminates Norplex, Inc.**

665 Lybrand St, P.O. Box 977
Postville, IA 52162 – 0977
Customer Service Phone: 563-864-7328
General Phone Number: 563-864-7321
Customer Service Fax: 563-864-4231
Email: info@norplex.com

1. Identification:

Product Name: **BP11NPG, BP14NPG, BP21NPG, BT13NPG, BT25NPG, BT45NPM, MCG10YB, NP315, NP315HT, NP315J, NP319, NP323, NP325, NP327, NP338, RM315, RT315, RT325, RT342CG, SMS-302**

Other/Generic Names: **Phenolic-Cotton Fabric Laminate, Glass Epoxy Laminate, Phenolic-Kevlar Fabric Laminate**

Recommended Use: Industrial Use of Thermoset Laminate

Manufacturer: Norplex-Micarta
665 Lybrand St.
Postville, IA 52162
563-864-7321

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/irritation, 2
Health, Eye damage/irritation, 2B
Physical, Combustible dust
Carcinogenicity, Category 1

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:

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DANGER

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

May cause cancer (THIS PRODUCT CONTAINS CRYSTALLINE SILICA (CS), WHICH IS CONSIDERED A HAZARD BY INHALATION. IARC HAS CLASSIFIED INHALATION OF CS AS CARCINOGENIC FOR HUMANS. CS IS LISTED BY NTP AS A KNOWN HUMAN CARCINOGEN. INHALATION OF CS IS ALSO A KNOWN CAUSE OF SILICOSIS, A NONCANCEROUS LUNG DISEASE.

Precautionary Statement(s):

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

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.

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3. Composition/Information On Ingredients:

Component	CAS Number	Weight %
Graphite	7782-42-5	0-15%
Quartz	14808-60-7	<1%

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 CO₂, CO, Phenol and NO_x 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 and 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.

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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 #	OSHA PEL
Nuisance Dust (Total)	N/A	15 mg/m ³
Nuisance Dust (Respirable)	N/A	5 mg/m ³
Quartz (Respirable)	(14808-60-7)	50 µg/ m ³

9. Physical and Chemical Properties:

Form: Solid, flat sheet, color dependent on pigment content.

Odor (if any): No data.

Specific Gravity: No data

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 CO₂, CO, Phenol and NO_x.

11. Toxicological Information:

Effects of overexposure: At least one ingredient in this formulation is a known 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.



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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: 3

Date of Last Revision: *September 21, 2021*

END OF SAFETY DATA SHEET