

MATERIAL SAFETY DATA SHEET



Nylon Breather

1. PRODUCT AND COMPANY NAME

PRODUCT NAME: RC3000-NB

DESCRIPTION: Stretchable High Temperature/High Pressure Synthetic Felt Breather

MANUFACTURER: Richmond Aircraft Products
12801 Ann Street
Santa Fe Springs, CA 90670

FOR MORE INFORMATION CALL: 562-906-3300
IN CASE OF EMERGENCY CALL: 562-906-3300

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS #</u>	<u>% of Ingredient</u>
Nylon 6,6 Polyimide	(CAS 32131-17-2)	91.5-99%
Water, Absorbed	(CAS 7732-18-5)	0-4.5%
Finishes (Various Mixtures of Lubricating Oils, Waxes and Surface Active Agents)	N/A	0.9-4.0%

3. HAZARD IDENTIFICATION

POTENTIAL HEALTH HAZARDS

Route of Entry: N/A

Target Organs: N/A

Inhalation: Not a route of exposure under normal usage. Elevated processing temperatures may release irritating vapors.

Skin Contact: Not considered hazardous

Eye Contact: Not considered hazardous. It may cause mechanical irritation if film comes into contact with the eye.

Ingestion: Not a route of exposure. Not considered hazardous.

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4. FIRST AID MEASURES

Inhalation:	Not considered a route of exposure
Skin Contact:	If irritation occurs from contact with particles, flush skin with water. Wash contaminated clothing before reuse.
Eye Contact:	If irritation occurs from contact with particles, flush eyes with plenty of water for at least 15 minutes.
Ingestion:	No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult physician if necessary.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point (Method Used):	325C (617F)
LEL:	N/A
UEL:	N/A
Extinguishing Method:	Dry chemical, carbon dioxide, foam and water
Special Fire Fighting Procedures:	Keep personnel removed & upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment. Cool tank/container with water spray.
Unusual Fire and Explosion Hazards:	Hazardous gases/vapors produced in a fire are oxides of nitrogen, carbon monoxide, ammonia and traces of hydrogen cyanide.

6. ACCIDENTAL RELEASE MEASURES

(Always wear recommended personal protective equipment.) Collect and place in a solid waste container.

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7. HANDLING AND STORAGE

Handling Precautions: Use normal personal hygiene and good house keeping.

Storage Requirements: Store in a cool dry place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: General room ventilation, local exhaust if needed
Protective Equipment: Wear safety glasses; specifically wear safety goggles when the possibility exists for eye contact with material. Wear gloves and clothing, as appropriate, if potential exists for skin irritation from contact with particles.

Exposure Guideline/Other:

Nylon 6.6 Polyamide

TLV (ACGIH): None Established
PEL (OSHA): None Established

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Continuous multifilament yarn or Staple fiber
Physical Status: Solid
Odor: None
pH: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Boiling Point: N/A
Freezing/Melting Point: 254 - 263C (489 – 505F)
Solubility: Insoluble
Spec. Grav./Density: 1.14

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10. STABILITY AND REACTIVITY

Stability:	Stable at normal temperatures and storage conditions.
Conditions to avoid:	None known
Materials to avoid (Incompatibility):	Strong oxidizing agents
Hazardous Decomposition Products:	Hazardous gases/vapors produced are carbon monoxide, carbon dioxide, ammonia and traces of hydrogen cyanide.
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Immediate (Acute) Effects:	Not determined
Delayed (Sub-chronic and chronic) Effects:	None known
Other Data:	

Animal Data

Oral LD50: > 10000 mg/kg in rats

Nylon Polyamide Fiber is not a skin irritant. A single large exposure (10,000 mg/kg) by ingestion produced only a slight initial weight loss. Two-year tests in rats and one year tests in dogs at levels of 10% in the diet produced no adverse effects. Repeated exposure produced no gross changes and microscopic lung and kidney changes. Tests in animals demonstrate no carcinogenic activity.

Human Health Effects of over Exposure:

Except for mechanical irritation of skin and eyes caused by particles, no adverse health effects are expected. Significant skin permeations and systemic toxicity after contact appears unlikely. There are no reports of human sensitization.

Based on test studies of the finishes, inhalation or skin

12. ECOLOGICAL INFORMATION

Material is considered inert and not expected to be biodegradable or toxic.

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13. DISPOSAL CONSIDERATIONS

Dispose of in compliance with Federal, state and local government regulations. Usually is considered an inert packaging material that can be recycled or landfilled.

14. TRANSPORT INFORMATION

US DOT Hazard Class: Not regulated
US DOT ID Number: Not applicable

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

15. REGULATORY INFORMATION

All nonexempt chemical substances incorporated into the product are included in the TSCA Inventory of Chemical Substances compiled by the U.S. Environmental Protection agency (EPA).

Superfund Amendment and Reauthorization Act of 1986 (SARA) Title III: Nylon Polyamide Fiber contains no chemicals in quantities reportable under Section 313 of SARA Title III and 40 CFR part 372.

California Safe Drink Water and Toxic Enforcement Act of 1986 (Proposition 65): This product contains none of the substances known to the State of California to cause cancer or reproductive toxicity.

Pennsylvania and New Jersey Right-to-Know Laws: This product is not subject to provisions of the Pennsylvania and New Jersey Right-to-Know laws.

16. OTHER INFORMATION

Current Issue Date: 10/05/2010
Previous Issue Date: 02/20/2008