

# MATERIAL SAFETY DATA SHEET



## N1000

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### 1. PRODUCT AND COMPANY NAME

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**PRODUCT NAME:** N1000  
**DESCRIPTION:** High Temp Resin Flow Media  
**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

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

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<u>Ingredient Name</u>	<u>CAS #</u>	<u>% of Ingredient</u>
Nylon 6	(CAS 25038-54-4)	>95%
Polymeric Lunbricant	N/A	<5%

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## 3. HAZARD IDENTIFICATION

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### POTENTIAL HEALTH HAZARDS

<b>Route of Entry:</b>	Inhalation, Skin Contact
<b>Target Organs:</b>	N/A
<b>Inhalation:</b>	No known health hazards under normal conditions. Vapors may cause irritation.
<b>Skin Contact:</b>	Non-toxic substance under normal conditions. No known health hazards from handling this product. Contact with molten product may cause thermal burns.
<b>Eye Contact:</b>	No known health hazards under normal conditions. Vapors may cause irritation.
<b>Ingestion:</b>	Not expected route of exposure
<b>Other:</b>	This product is not considered a hazardous material at temperatures below the melting point of the resin according to the U.S. Occupational Safety and Health Act definitions and regulations. This includes the Hazard Communication Standard 29 CFR 1910.1200. Threshold Limit Values (TLV) or Permissible Exposure Limit (PEL) values are not established for this product. This product has no known carcinogenic or mutagenic toxic effects. This product has no known reproductive or teratogenic effects.

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## 4. FIRST AID MEASURES

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<b>Inhalation:</b>	Remove to fresh air. Provide breathing oxygen if respiration is impaired. Provide artificial respiration if breathing has stopped. Seek medical attention.
<b>Skin Contact:</b>	If burns occur, cool affected area under ice water or running water. If molten material adheres to the skin, cool area with ice water or running water. It is recommended that vegetable oil or mineral oil be used to help with removal of material adhered to skin. Seek medical attention.
<b>Eye Contact:</b>	Flush with water for 15 minutes. Seek medical attention.
<b>Ingestion:</b>	Not likely to occur through normal use, should Ingestion occur seek medical attention.

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## 5. FIRE FIGHTING MEASURES

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### **FLAMMABLE PROPERTIES**

**Flash Point (Method Used):** N/A

**LEL:** N/A

**UEL:** N/A

**Extinguishing Method:** Foam, carbon dioxide, or water spray

**Special Fire Fighting Procedures:** Standard procedures for Class A fires. Use self contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** This product is shipped as plastic net. No explosion hazards are foreseen.

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## 6. ACCIDENTAL RELEASE MEASURES

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

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## 7. HANDLING AND STORAGE

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

**Storage Requirements:** Keep product away from heat and ignition sources. Keep product away from strong oxidizing agents. Store product at temperatures below 60 degrees Celsius (140 degrees Fahrenheit).

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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**Engineering Controls:** General ventilation  
**Protective Equipment:** Wear safety glasses with side shields when handling this product. Wear protective clothing over the skin to avoid contact with molten plastic material. At room temperatures, no additional personal protection clothing is required.  
**Exposure Guideline/Other:** None

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** Solid Plastic Net  
**Physical Status:** Solid  
**Odor:** Slight organic odor  
**pH:** N/A  
**Vapor Pressure:** N/A  
**Vapor Density:** N/A  
**Boiling Point:** N/A  
**Freezing/Melting Point:** 212C (415F)  
**Solubility:** N/A  
**Spec. Grav./Density:** 1.1 – 1.2

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## 10. STABILITY AND REACTIVITY

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**Stability:** Stable  
**Conditions to avoid:** Keep this product away from heat, sparks, and flame  
**Materials to avoid (Incompatibility):** Keep this product away from strong oxidizing materials and free halogens.  
**Hazardous Decomposition Products:** At elevated temperatures, decomposition will occur. Product will decompose, generating fumes that may contain ammonia, aliphatic amines, amides, carbon monoxide, hydrogen cyanide, ketones, and nitriles. Other compounds may be generated during thermal decomposition.  
**Hazardous Polymerization:** Will not occur

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## 11. TOXICOLOGICAL INFORMATION

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

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## 12. ECOLOGICAL INFORMATION

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

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## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

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<b>US DOT Hazard Class:</b>	Not regulated
<b>US DOT ID Number:</b>	Not applicable

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

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## 15. REGULATORY INFORMATION

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None

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## 16. OTHER INFORMATION

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<b>Current Issue Date:</b>	10/05/2010
<b>Previous Issue Date:</b>	04/30/2008