

MATERIAL SAFETY DATA SHEET



Stretch-Vac™ 425

1. PRODUCT AND COMPANY NAME

PRODUCT NAME: Stretch-Vac™ 425

DESCRIPTION: Thermoplastic Polymer Sheet

MANUFACTURER: Richmond Aircraft Products
13503 Pumice Street
Norwalk, CA 90650

FOR MORE INFORMATION CALL: 562-404-2440
IN CASE OF EMERGENCY CALL: 562-404-2440

2. COMPOSITION/INFORMATION ON INGREDIENTS

The following potentially hazardous ingredient(s) are used to formulate this product. As supplied, the ingredient(s) are bound in the polymer matrix. Because they are bound in the matrix, they are not expected to create any unusual hazards when handled and processed according to good manufacturing and industrial hygiene practices and the guidelines provided in this MSDS.

<u>Ingredient Name</u>	<u>CAS #</u>	<u>% of Ingredient</u>
1,4-BENZENBDICARBOXYLIC ACID, DIMETHYL ESTER, POLYMER WITH 1,4-BUTANEDIOL, METHYLOXIRANE AND OXIRANE	64811-37-6	95%

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3. HAZARD IDENTIFICATION

POTENTIAL HEALTH HAZARDS

Route of Entry:	Inhalation, Skin Contact, Eye Contact
Target Organs:	N/A
Inhalation:	Gases and fumes evolved during the thermal processing or decomposition of this material may irritate the respiratory tract.
Skin Contact:	Contact with heated material can cause thermal burns.
Eye Contact:	May cause mechanical irritation.
Ingestion:	Not a route of exposure. Not considered hazardous.

4. FIRST AID MEASURES

Inhalation:	Remove victim to fresh air.
Skin Contact:	In case of skin contact, wash affected areas with soap and water. Get medical attention if thermal burn occurs.
Eye Contact:	In case of contact, flush eyes with plenty of lukewarm water.
Ingestion:	Not likely to occur through normal use, should Ingestion occur seek medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point (Method Used):	>450C (>842F)
LEL:	N/A
UEL:	N/A
Extinguishing Method:	Water, foam, dry chemical, carbon dioxide (CO2)
Special Fire Fighting Procedures:	Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
Unusual Fire and Explosion Hazards:	Toxic and irritating gases/fumes may be given off during burning or thermal decomposition. Dust may form explosive mixtures with air.

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6. ACCIDENTAL RELEASE MEASURES

Always wear recommended personal protective equipment. Collect and place in a solid waste container. If molten, allow material to cool and place into an appropriate container for disposal.

7. HANDLING AND STORAGE

Country specific exposure limits have not been established or are not applicable

Handling Precautions: Use normal personal hygiene and good house keeping. Wash hands thoroughly after handling. Avoid breathing dust.

Storage Requirements: Maximum storage temperature is 77C (170.6F). Protect equipment (e.g. storage bins, conveyors, dust collectors) with explosion vents.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines, especially during cutting, grinding and high heat operations

Protective Equipment: Although no exposure limit has been established for this product, the OSHA PEL for Particulates Not Otherwise Regulated (PNOR) of 15 mg/m³ - total dust, 5 mg/m³ - respirable fraction is recommended. In addition, the ACOIH recommends 3 mg/m³ - respirable particles and 10 mg/m³ - inhalable particles for Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS). Wear heat resistant gloves when handling molten material and safety glasses with side-shields. No special skin protection requirements during normal handling and use. Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Purgings should be collected as small flat thin shapes or thin strands to allow for rapid cooling.

Exposure Guideline/Other: None

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Natural colored sheet
Physical Status:	Solid
Odor:	slight
pH:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Boiling Point:	N/A
Freezing/Melting Point:	220C – 250C (428F – 482F)
Solubility:	Insoluble
Spec. Grav./Density:	1.1 – 1.2

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	None known
Materials to avoid (Incompatibility):	None Known
Hazardous Decomposition Products:	By fire and thermal decomposition: carbon dioxide; bisphenol a; phenol; carbonic acid, diphenyl ester; carbon monoxide, hydrocarbons, phenol derivatives.
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

No information available

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12. ECOLOGICAL INFORMATION

No information available

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.

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15. REGULATORY INFORMATION

United States Federal Regulations

OSHA Hazcom Standard Rating: Non-Hazardous

US Toxic Substances Control Act: Listed on the TSCA Inventory

US EPA CERCLA Hazardous Substances (40 CFR 302):

Components

None

SARA Section 311/312 Hazard Categories: Non-Hazardous under Section 311/312

US EPA Emergency Planning Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A):

Components

None

US EPA Emergency Planning Right-To-Know Act (EPCRA) SARA Title III Section 311 Toxic Chemicals (40 CFR 372.65) – Supplier Notification Required:

Components

None

US EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261):

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

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State Right-To-Know Information

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:

<u>Components</u>	<u>CAS #</u>	<u>% of Ingredient</u>
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16. OTHER INFORMATION

HMIS Rating

Health: 0
Flammability: 1
Physical Hazard: 0

0 = Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

Current Issue Date: 04/09/2008
Previous Issue Date: N/A