

# MATERIAL SAFETY DATA SHEET



## 1581-C

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### 1. PRODUCT AND COMPANY NAME

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**PRODUCT NAME:** 1581-C  
**DESCRIPTION:** High Temperature Release Fabric  
**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> |
|-------------------------------|--------------|------------------------|
| Fibrous Glass (Textile Grade) | N/A          | 99.8%                  |
| Fibrous Glass Dust            | N/A          | Not Known              |

Items listed in this section are either chemically or physically bonded to the fibrous glass textile and are deemed non-hazardous in the state supplied.

|  |     |      |
|--|-----|------|
| Starches, PVA, Lubricants,<br>Surfactants, Humectants<br>(IE Normal Toxins Sizing) | N/A | 0-3% |
|--|-----|------|

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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>     | Breathing of fibers or dust may cause mechanical irritation of the mouth, nose, and throat.                   |
| <b>Skin Contact:</b>   | Direct skin contact with fibrous glass or its dust may cause mechanical irritation and transitory dermatitis. |
| <b>Eye Contact:</b>    | Not considered hazardous. It may cause mechanical irritation if film comes into contact with the eye.         |
| <b>Ingestion:</b>      | Not a route of exposure. Not considered hazardous.  |

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## 4. FIRST AID MEASURES

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|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | Remove victim to fresh air.  |
| <b>Skin Contact:</b> | Flush with ample cool water followed by washing with mild soap to remove accumulated fibers. |
| <b>Eye Contact:</b>  | Flush with flowing water for 15 minutes and seek medical attention.                          |
| <b>Ingestion:</b>    | Not likely to occur through normal use, should Ingestion occur seek medical attention.       |

Not classified as regulated under ACGIH, IARC, NTP or OSHA. Industry studies have shown textile grade fibrous glass to be a non-carcinogen.

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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:** Water, dry powder, or foam

**Special Fire Fighting Procedures:** In any sustained fire wear self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** In a sustained fire combustible decomposition products may be released. These products include carbon dioxide, carbon monoxide, and low molecular weight hydrocarbons

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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:** Store in a cool dry place.

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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**Engineering Controls:** Normal area ventilation is sufficient in most cases to keep dust and fiber levels below the TLV or.

**Protective Equipment:** If airborne fibrous glass exceeds the regulatory limits, or if upper respiratory irritation occurs, use a respirator designed for nuisance type dust. Barrier creams, gloves, and long sleeve loose fitting clothing may be required for certain workers who have sensitive skin or contact dermatitis. Work clothing should be laundered separately from other clothing before reuse. Not normally required, but as a good safety work practice suggest the wearing of appropriate eye protection such as safety glasses/side shields or equivalent whenever use of the product releases airborne fibrous glass.

**Exposure Guideline/Other:**

Fibrous Glass Dust

TLV (ACGIH): 10 mg/m<sup>3</sup> (Inhalable)  
PEL (OSHA): 15 mg/m<sup>3</sup> (Respirable)

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** White Solid

**Physical Status:** Solid

**Odor:** None

**pH:** N/A

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Boiling Point:** N/A

**Freezing/Melting Point:** 288C (550F)

**Solubility:** Negligible

**Spec. Grav./Density:** ~2.5

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## 10. STABILITY AND REACTIVITY

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|  |  |
|--|--|
| <b>Stability:</b>                            | Stable   |
| <b>Conditions to avoid:</b>                  | None known   |
| <b>Materials to avoid (Incompatibility):</b> | N/A  |
| <b>Hazardous Decomposition Products:</b>     | None generated under normal storage or handling conditions |
| <b>Hazardous Polymerization:</b>             | 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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|  |   |
|--|---|
| <b>EPA, RCRA 40 CFR, Part 261, 1990:</b> | Non-hazardous                                   |
| <b>CERCLA:</b>                           | Not listed                                      |
| <b>SARA TITLE III:</b>                   | Exempt by definition                            |
| <b>CA PROPOSITION 65:</b>                | Insignificant trace quantity                    |
| <b>MA RIGHT-TO-KNOW:</b>                 | Less than reportable quantity                   |
| <b>PA RIGHT-TO-KNOW:</b>                 | Less than reportable quantity                   |
| <b>NJ RIGHT-TO-KNOW:</b>                 | Less than reportable quantity                   |
| <b>TSCA INVENTORY:</b>                   | Exempt per section 8(a), 710.2(f), and 704.5(a) |

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## 16. OTHER INFORMATION

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**Current Issue Date:** 10/05/2010  
**Previous Issue Date:** 04/09/2008