

FC

MSFC-QPL-1918  
August 23, 1991



National Aeronautics and  
Space Administration

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**George C. Marshall Space Flight Center**  
Marshall Space Flight Center, Alabama 35812

**QUALIFIED PRODUCTS LIST**

**PRODUCTS QUALIFIED UNDER**

**GEORGE C. MARSHALL SPACE FLIGHT CENTER**  
**SPECIFICATION**

**MSFC-SPEC-1918**

**ABLATIVE COMPOUND, THERMAL**

Prepared by  
Materials & Processes Laboratory  
George C. Marshall Space Flight Center

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National Aeronautics and  
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**MSFC-SPEC-1918**

**ABLATIVE COMPOUND, THERMAL**

Prepared by  
Materials & Processes Laboratory  
George C. Marshall Space Flight Center

W J Pettus  
Prepared by

EH33  
Organization

8-23-91  
Date

Charles C. M. R. Cook  
Approved by

EH31  
Organization

8/23/91  
Date

Paul H. Scherer  
Approved by

EH-01  
Organization

8/23/91  
Date

STRESS

J B Boardman

MATERIALS

Donny E. [Signature]

Release Date: ____/____/____	Marshall Space Flight Center <b>SPECIFICATION/DOCUMENT CHANGE INSTRUCTION</b>	Page <u>1</u> of <u>1</u>
	Spec./Doc. No. <u>MSFC-QPL-1918</u>	Copy No.:

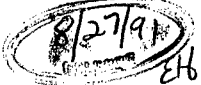
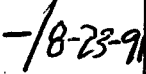
Change No./Date	SCN/DCN No./Date	CCBD No./Date	Replacement Page Instructions
<i>8/27/91</i> -18-23-91			<b>BASE LINE INITIAL RELEASE</b>
	DCN D01 5-12-2000	-	REPLACE PAGE 2 WITH NEW PAGE 2
	DCN 002		Replace page 2 with new page 2

*8/27/91*  
EH

*NAP*  
*05/10/00*  
**RELEASE**

*NAP*  
*5/17/06*  
**RELEASE**

Release Date: ____/____/____	Marshall Space Flight Center <b>SPECIFICATION/DOCUMENT CHANGE INSTRUCTION</b>	Page <u>1</u> of <u>1</u>
	Spec./Doc. No. <u>MSFC-QPL-1918</u>	Copy No.:

Change No./Date	SCN/DCN No./Date	CCBD No./Date	Replacement Page Instructions
 	DCN 001 5-12-2000	-	BASE LINE INITIAL RELEASE  REPLACE PAGE 2 WITH NEW PAGE 2


  
 05/16/00  
**RELEASE**

Marshall Space Flight Center  
**SPECIFICATION CHANGE NOTICE/  
DOCUMENT CHANGE NOTICE**

Page 1 of 1

Date: 5-12-00

Spec./Doc. No.:

MSFC-QPL-1918

SCN/DCN. No. DCN 1

ECR No.:

MP41-2184

PCN:

82541

Contract No.

CCBD No./Date:

SB3-01-5333 & A rev  
SM3-01-5476

Page Number (s):

Page 2

Effectivity(ies):

NFS

Description of Change:

Incorporate changes for MP41-2184/CCBD's SB3-01-5333, SB3-01-5333A & SM3-01-5476.

**QUALIFIED PRODUCTS LIST**  
**PRODUCTS QUALIFIED UNDER**  
**GEORGE C. MARSHALL SPACE FLIGHT CENTER**  
**SPECIFICATION**  
**MSFC-SPEC-1918**  
**ABLATIVE COMPOUND, THERMAL**

**This list has been prepared for use by or for the government to be used in the procurement of products covered by the subject specification; and such listing of a product is not intended to and does not connote endorsement of the product by the government. All products listed herein have been qualified according to the requirements for the products specified in the latest effective issue of the applicable specification. This list is subject to change without notice; a revision or amendment will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements. Use of the information shown herein for advertising or publicity purposes is forbidden.**

**The activity responsible for this qualified products list is the Materials and Processes Laboratory, George C. Marshall Space Flight Center.**

MSFC DESIGNATION	MANUFACTURER'S DESIGNTION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME AND ADDRESS
CORK	RT455	USBI COQ A-TPS-8130-1 Thiokol CCBD SM3-01-5368 Thiokol CCBD SM3-01-5372	RESIN TECHNOLOGY GROUP, INC. 128 Norfolk Ave., Easton Industrial Park S. Easton, MA 02375

DCN  
002

DCN  
001

CUSTODIAN:

PREPARING ACTIVITY:

NASA-George C. Marshall  
Space Flight Center

NASA-George C. Marshall  
Space Flight Center

NASA-MSFC-C



PACKAGE NO. 9245R

DOCUMENTATION RELEASE LIST  
GEORGE C. MARSHALL SPACE FLIGHT CENTERMSFC CODE IDENT 14981  
ISSUE DATE MAY 26 2000

PAGE 1

C H	DOCUMENT NUMBER	DRL DRL DSH REV	TITLE	CCBD NO.	PCN	PC	EFFECTIVITY
*	MSFC-QPL-1918	202 -	QUALIFIED PRODUCTS LIST PRODUCTS QUALIFIED UNDER MSFC-SPEC- 1918 ABLATIVE COMPOUND, THERMAL	000-00-0000	0000000	M	1

CHG NO.	CHG REV	CHG NOTICE	RESPONSIBLE ENGINEER	RESPONSIBLE ORGANIZATION	ACTION DATE	DESCRIPTION
*			DENNIS GRIFFIN	MP41	05/26/00	BASELINE RELEASE
*	1	DCN001	DENNIS GRIFFIN	MP41	05/26/00	RELEASES CHANGE PAGES AUTHORIZED BY ECR MP41-2184, CCBD SB3-01-5333, SB3-01-5333A, SB3-01-5476.

CHECKER

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DON HAMILTON  
05/25/00

(FINAL)

PACKAGE NO. 9524R

DOCUMENTATION RELEASE LIST  
GEORGE C. MARSHALL SPACE FLIGHT CENTERMSFC CODE IDENT 14981  
ISSUE DATE MAY 07 2001

PAGE 1

C H	DOCUMENT NUMBER	DRL DRL DSH REV	TITLE	CCBD NO.	PCN	PC	EFFECTIVITY
*	MSFC-QPL-1918	203 -	QUALIFIED PRODUCTS LIST PRODUCTS QUALIFIED UNDER MSFC-SPEC-1918 ABLATIVE COMPOUND, THERMAL	000-00-0000	0000000	M	1

CHG NO.	CHG REV	CHG NOTICE	RESPONSIBLE ENGINEER	RESPONSIBLE ORGANIZATION	ACTION DATE	DESCRIPTION
			DENNIS GRIFFIN	MP41	05/26/00	BASELINE RELEASE
1		DCN001	DENNIS GRIFFIN	MP41	05/26/00	RELEASES CHANGE PAGES AUTHORIZED BY ECR MP41-2184, CCBD SB3-01-5333, SB3-01-5333A, SB3-01-5476.
*	2	DCN002	GREG BOWEN	MP41	05/07/01	UPDATE MSFC-QPL-1918 BY REMOVING TRA-CON FROM THE MANUFACTURER'S LIST AS AUTHORIZED BY CCBD SB3-01-5412 AND SM3-01-5576, PCIN 82541

CHECKER

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DON HAMILTON  
05/07/01

(FINAL)

PACKAGE NO. 10443R

DOCUMENTATION RELEASE LIST  
GEORGE C. MARSHALL SPACE FLIGHT CENTERMSFC CODE IDENT 14981/339B2  
ISSUE DATE FEB 22 2007

PAGE 1

C H	DOCUMENT NUMBER	DRL DRL DSH REV	TITLE	CCBD NO.	PCN	PC	EFFECTIVITY
*	MSFC-QPL-1918	204 -	QUALIFIED PRODUCTS LIST PRODUCTS QUALIFIED UNDER MSFC-SPEC- 1918 ABLATIVE COMPOUND, THERMAL	000-00-0000	0000000	M	NONE
CHG NO.	CHG REV	CHG NOTICE	RESPONSIBLE ENGINEER	RESPONSIBLE ORGANIZATION	ACTION DATE	DESCRIPTION	
			DENNIS GRIFFIN	MP41	05/26/00	BASELINE RELEASE	
1	DCN001		DENNIS GRIFFIN	MP41	05/26/00	RELEASES CHANGE PAGES AUTHORIZED BY ECR MP41-2184, CCBD SB3-01-5333, SB3-01-5333A, SB3-01-5476.	
2	DCN002		GREG BOWEN	MP41	05/07/01	UPDATE MSFC-QPL-1918 BY REMOVING TRA-CON FROM THE MANUFACTURER'S LIST AS AUTHORIZED BY CCBD SB3-01-5412 AND SM3-01-5576, PCIN 82541	
* 3	DCN000		EUGENA GOGGANS	E003	02/22/07	DOCUMENT RELEASED THRU PDS. NO LONGER TRACKED IN ICMS.	

CHECKER

N/A  
02/15/07

(FINAL)

PACKAGE NO: 10443R

PROGRAM/PROJECT: MULTI

LAST UPDATED: 02/22/07

NOMENCLATURE: MSFC-STD- GOING TO NONE EFFECTIVITY

ECR NO:	PCN:	CCBD NO:	DATE PREPARED:
EO03-0000	0000000	000-00-0000 SB3-00-0000	02/22/07

DWG SIZE	DRAWING NUMBER	DWG REV	EPL/DRL/DDS NUMBER	DWG REV	EPL DSH	EPL REV	EO DASH NUMBER	EO REV	PART NUMBER
			MSFC-HDBK-1453		202	-			
			MSFC-HDBK-1674		202	-			
			MSFC-HDBK-2221		203	-			
			MSFC-HDBK-505		202	-			
			MSFC-HDBK-670		202	-			
			MSFC-MNL-1951		209	-			
			MSFC-PROC-1301		202	-			
			MSFC-PROC-1721		202	-			
			MSFC-PROC-1831		202	-			
			MSFC-PROC-1832		202	-			
			MSFC-PROC-404		202	-			
			MSFC-PROC-547		202	-			
			MSFC-QPL-1918		204	-			
			MSFC-RQMT-1282		202	-			
			MSFC-SPEC-1198		202	-			
			MSFC-SPEC-1238		202	-			
			MSFC-SPEC-1443		202	-			
			MSFC-SPEC-164		202	-			
			MSFC-SPEC-1870		202	-			
			MSFC-SPEC-1918		203	-			
			MSFC-SPEC-1919		206	-			
			MSFC-SPEC-2083		202	-			
			MSFC-SPEC-2223		202	-			
			MSFC-SPEC-2489		206	-			
			MSFC-SPEC-2490		205	-			
			MSFC-SPEC-2491		203	-			
			MSFC-SPEC-2492		203	-			
			MSFC-SPEC-2497		211	-			
			MSFC-SPEC-250		202	-			
			MSFC-SPEC-445		202	-			
			MSFC-SPEC-504		202	-			
			MSFC-SPEC-521		202	-			
			MSFC-SPEC-548		202	-			
			MSFC-SPEC-560		202	-			
			MSFC-SPEC-626		202	-			
			MSFC-SPEC-684		202	-			
			MSFC-SPEC-708		202	-			
			MSFC-SPEC-766		202	-			
			MSFC-STD-1249		202	-			
			MSFC-STD-1800		202	-			
			MSFC-STD-246		202	-			
			MSFC-STD-2594		203	-			

PACKAGE NO: 10443R

DWG SIZE	DRAWING NUMBER	DWG REV	EPL/DRL/DDS NUMBER	DWG REV	EPL DSH	EPL REV	EO DASH NUMBER	EO REV	PART NUMBER
			MSFC-STD-2903		202	-			
			MSFC-STD-2904		202	-			
			MSFC-STD-2905		202	-			
			MSFC-STD-2906		202	-			
			MSFC-STD-2907		202	-			
			MSFC-STD-366		202	-			
			MSFC-STD-383		202	-			
			MSFC-STD-486		202	-			
			MSFC-STD-506		203	-			
			MSFC-STD-531		202	-			
			MSFC-STD-557		202	-			
			MSFC-STD-561		203	-			
			MSFC-STD-781		202	-			

SUBMITTED BY ENGINEERING AREA:	BASIC	CHANGE	PARTIAL	COMPLETE	CLOSES	ACTION
EO03		X		X		EO03

PREPARED BY:  
EUGENA GOGGANS  
12/19/06

SUBMITTED BY:

CONCURRENCE:

TRANSMITTAL DATES  
TO RELEASE DESK 02/22/07 10:00  
TO MSFC DOC REP 02/22/07 00:00

REMARKS:

2007 FEB 22 AM 11:22

## DOCUMENT INPUT RECORD

### I. TO BE COMPLETED UPON SUBMITTAL OF DATA

1. APPROVED PROJECT: SRB/RSRM	2. DOCUMENT/ DRAWING NO.: MSFC-QPL-1918	3. CONTROL NUMBER: DPRS #	4. DOCUMENT RELEASE DATE: 08/23/1991	5. SUBMITTAL DATE:
6. DOCUMENT/DRAWING TITLE: Ablative Compound, Thermal				7. REPORT TYPE: QPL
8. CONTRACT NO./PERFORMING ACTIVITY:		9. DRD NUMBER:		10. DPD / DRL / IDRD NUMBER:
11. DISPOSITION AUTHORITY (official records only):		12. SUBMITTAL AUTHORITY: MP41/M. Harris		13. RELEASING AUTHORITY:
14. SPECIAL INSTRUCTIONS: Same distribution as basic release				
15. CONTRACTOR/SUBMITTING ORGANIZATION, ADDRESS AND PHONE NUMBER: MSFC			16. ORIGINATING NASA CENTER: MSFC	
			17. OFFICE OF PRIMARY RESPONSIBILITY: M&P	
18. KEYWORDS:			19. NUMBER OF PAGES: 5	20. SECURITY CLASSIFICATION OF REPORT: Unclassified

### II. TO BE COMPLETED FOR ENGINEERING DRAWINGS

21. REVISION:	22. ENG. ORDER:	23. PARTS LIST:	24. CCBD:
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### III. TO BE COMPLETED FOR REPORTS, SPECIFICATIONS, ETC.

25. REVISION: Basic	26. CHANGE: 2	27. VOLUME:	28. BOOK:	29. PART:	30. SECTION:
31. ISSUE:	32. ANNEX:	33. SCN: 002	34. DCN:	35. AMENDMENT:	
36. APPENDIX:	37. ADDENDUM:	38. CCBD:	39. CODE ID:	40. IRN:	

### IV. EXPORT AND DISTRIBUTION RESTRICTIONS

<input type="checkbox"/> Privacy Act (see MWI 1382.1)	<input type="checkbox"/> EAR (see MPG 2220.1)
<input type="checkbox"/> Proprietary (see MPD 2210.1)	<input checked="" type="checkbox"/> No statutory or institutional restrictions applicable -- material may be distributed to public (including placement on the World Wide Web)
<input type="checkbox"/> Patent (see MPG 2220.1)	<input type="checkbox"/> ACI (see MPG 1600.1)
<input type="checkbox"/> ITAR (see MPG 2220.1)	

### V. ORIGINATING ORGANIZATION APPROVAL

41. NAME: Mary Jo Harris	42. SIGNATURE: <i>Mary Jo Harris</i>	43. ORG. CODE: MP41	44. PHONE NUMBER: (256) 544-2729	45. DATE: 5/4/01
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### VI. TO BE COMPLETED BY MSFC DOCUMENTATION REPOSITORY

46. RECEIVED BY: <i>Delores Muhammad</i>	47. DATE RECEIVED: 5-8-01	48. WORK ORDER: 02-00668
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# MSFC DOCUMENTATION REPOSITORY - DOCUMENT INPUT RECORD

## I. GENERAL INFORMATION

1. APPROVED PROJECT:	2. DOCUMENT/DRAWING NUMBER: <p style="text-align: center;">MSFC-QPL-1918</p>	3. CONTROL NUMBER:	4. RELEASE DATE: <p style="text-align: center;">08/27/1991</p>	5. SUBMITTAL DATE: <p style="text-align: center;">10/18/2002</p>
6. DOCUMENT/DRAWING TITLE: Qualified Products List, Products Qualified Under MSFC Specification MSFC-SPEC-1918 Ablative Compound, Thermal			7. REPORT TYPE:	
8. CONTRACT NUMBER / PERFORMING ACTIVITY:		9. DRD NUMBER:		10. DPD / DRL / IDRD NUMBER:
11. DISPOSITION AUTHORITY (Check One): <input checked="" type="checkbox"/> Official Record - NRRS <u>8/12/19</u> <input checked="" type="checkbox"/> Reference Copy - NRRS 8/5/A/3 (destroy when no longer needed)		12. SUBMITTAL AUTHORITY:		13. RELEASING AUTHORITY: <p style="text-align: right;">10/30/02 <i>Gail H. Gordon</i></p>
14. SPECIAL INSTRUCTIONS:				
15. CONTRACTOR/SUBMITTING ORGANIZATION, ADDRESS AND PHONE NUMBER: Nonmetallic Materials and Processes Group Materials, Processes, and Manufacturing Department			16. ORIGINATING NASA CENTER: Marshall Space Flight Center	
			17. OFFICE OF PRIMARY RESPONSIBILITY: ED34, Nonmetallic Materials and Processes Group	
18. PROGRAMMATIC CODE (5 DIGITS):			19. NUMBER OF PAGES:	

## II. ENGINEERING DRAWINGS

20. REVISION:	21. ENGINEERING ORDER:	22. PARTS LIST:	23. CCBID:
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## III. REPORTS, SPECIFICATIONS, ETC.

24. REVISION:	25. CHANGE:	26. VOLUME:	27. BOOK:	28. PART:	29. SECTION:
30. ISSUE:	31. ANNEX:	32. SCN:	33. DCN:	34. AMENDMENT:	
35. APPENDIX:	36. ADDENDUM:	37. CCBID:	38. CODE ID:	39. IRN:	

## IV. EXPORT AND DISTRIBUTION RESTRICTIONS

<input type="checkbox"/> Privacy Act (see MWI 1382.1) <input type="checkbox"/> Proprietary (see MPD 2210.1) <input type="checkbox"/> Patent (see MPG 2220.1) <input type="checkbox"/> ITAR (see MPG 2220.1)	<input type="checkbox"/> EAR (see MPG 2220.1) <input type="checkbox"/> Other ACI (see NPG 1620.1 and MPG 1600.1) _____ <input checked="" type="checkbox"/> No statutory or institutional restrictions applicable -- material may be electronically distributed to user in the NASA domain
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## V. ORIGINATING ORGANIZATION APPROVAL

40. ORG. CODE: <p style="text-align: center;">ED34</p>	41. PHONE NUMBER: <p style="text-align: center;">(256) 544-2726</p>	42. NAME: <p style="text-align: center;">Gail H. Gordon</p>	43. SIGNATURE/DATE: <p style="text-align: right;"><i>Gail H. Gordon</i> 10/30/02</p>
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## VI. TO BE COMPLETED BY MSFC DOCUMENTATION REPOSITORY

44. RECEIVED BY: <p style="text-align: center;"><i>Jammy Wise</i></p>	45. DATE RECEIVED: <p style="text-align: center;">10-15-03</p>	46. WORK ORDER:
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