



STANDARD OVERHAUL PRACTICES MANUAL

SOLVENTS FOR CLEANING OF POLYMERICS, PHENOLICS AND NYLON (SERIES 98 AND 98-1)

**PART NUMBER
NONE**

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STANDARD OVERHAUL PRACTICES MANUAL

Revision No. 6
Jul 01/2009

To: All holders of SOLVENTS FOR CLEANING OF POLYMERICS, PHENOLICS AND NYLON (SERIES 98 AND 98-1) 20-30-98.

Attached is the current revision to this STANDARD OVERHAUL PRACTICES MANUAL

The STANDARD OVERHAUL PRACTICES MANUAL is furnished either as a printed manual, on microfilm, or digital products, or any combination of the three. This revision replaces all previous microfilm cartridges or digital products. All microfilm and digital products are reissued with all obsolete data deleted and all updated pages added.

For printed manuals, changes are indicated on the List of Effective Pages (LEP). The pages which are revised will be identified on the LEP by an R (Revised), A (Added), O (Overflow, i.e. changes to the document structure and/or page layout), or D (Deleted). Each page in the LEP is identified by Chapter-Section-Subject number, page number and page date.

Pages replaced or made obsolete by this revision should be removed and destroyed.

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TRANSMITTAL LETTER

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Location of Change

Description of Change

NO HIGHLIGHTS

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HIGHLIGHTS

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All revisions to this manual will be accompanied by transmittal sheet bearing the revision number. Enter the revision number in numerical order, together with the revision date, the date filed and the initials of the person filing.

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INTRODUCTION

1. General

- A. The instructions in this manual tell how to do standard shop procedures during maintenance functions from simple checks and replacement to complete shop-type repair.
- B. This manual is divided into separate sections:
 - (1) Title Page
 - (2) Transmittal Letter
 - (3) Highlights
 - (4) Effective Pages
 - (5) Contents
 - (6) Revision Record
 - (7) Record of Temporary Revisions
 - (8) Introduction
 - (9) Procedures
- C. Refer to SOPM 20-00-00 for a definition of standard industry practices, vendor names and addresses, and an explanation of the True Position Dimensioning symbols used.
- D. The data is general. It is not about all situations or specific installations. Use it as a guide to help you write minimum standards.
- E. If the component overhaul instructions are different from the data in this subject, use the component overhaul instructions.

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INTRODUCTION

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SOLVENTS FOR CLEANING OF POLYMERICS, PHENOLICS AND NYLON (SERIES 98 AND 98-1)

1. GENERAL

- A. This subject contains a list of solvents for general cleaning of polymerics, phenolics and nylon as given in BAC5750. This subject gives only the list of solvents. It does not tell you which solvent to use or how to use the solvents.
- B. This subject gives lists for:
 - (1) Cleaning of specific polymerics (Series 98).
 - (2) Cleaning of phenolics or nylon (Series 98-1)

2. CLEANING OF SPECIFIC POLYMERICS (SERIES 98)

- A. This selection of solvents uses BAC5750 as a guide. This procedure contains a list of solvents for general cleaning of specific polymerics as given in BAC5750. This lists of solvents has the Series Bulk Code of B01018, but this code is only for reference to identify this complete group. In your orders to get the solvents of these lists, you must identify each individual solvent by its name, bulk code, or other specification, as shown. Do not use the Series Bulk Code. Refer to the U-File for the applicable vendors.
- B. The solvents in Table 1 can be used for general cleaning operations on polymeric materials.

Table 1: Polymeric Cleaning Operations by Material

Cleaning Operation	Material	Typical Trade Names
General Cleaning	Polyester	Dacron, Mylar, Vibrin
	Polytetra fluoroethylene (PTFE)	Teflon
	Polyvinyl Fluoride	Tedlar
Final Cleaning Before Painting or Non-Structural Bonding	Polyester	Dacron, Mylar, Vibrin
	Polytetra fluoroethylene (PTFE)	Teflon
	Polyvinyl Fluoride	Tedlar

- C. When your procedure refers to Series 98 solvents, use a solvent from Table 2.

Table 2: Solvents for Cleaning of Specific Polymerics (Series 98)

Material Name	Material Bulk Code	Other Specifications
Acetone	B00062	JIS-K-1503
BMS11-7	B00184	MIL-C-38736
CDG-110		
CDG-211		
Ethyl alcohol, denatured	B00068	
Ethyl-3-Ethoxy propionate (EEP)		
FCC-55		
Isopropyl alcohol (IPA)	B00130	
MEK:sec-Butyl alcohol 42:58 percent		

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Table 2: Solvents for Cleaning of Specific Polymeric (Series 98) (Continued)

Material Name	Material Bulk Code	Other Specifications
Methyl ethyl ketone (MEK)	B00148	
Methyl isobutyl ketone (MIBK)	B00151	JIS-K-8903
Methyl propyl ketone (MPK)	B00666	
MOK or MOK*		
TT-N-95, Type 2	B00083	
Turco 6709		

3. CLEANING OF PHENOLICS OR NYLON (SERIES 98-1)

- A. This selection of solvents uses BAC5750 as a guide. This procedure contains a list of solvents for general cleaning of phenolics or nylon as given in BAC5750. This list of solvents has the Series Bulk Code of B01051, but this code is only for reference to identify this complete group. In your orders to get the solvents of this list, you must identify each individual solvent by its name, bulk code, or other specification, as shown. Do not use the Series Bulk Code. Refer to the U-File for the applicable vendors.
- B. When your procedure refers to Series 98-1 solvents, use a solvent from Table 3.

Table 3: Solvents for Cleaning of Phenolics or Nylon (Series 98-1)

Material Name	Material Bulk Code	Other Specifications
Acetone (Nylon only)	B00062	JIS-K-1503
CDG-110		
CDG-211		
Ethyl alcohol, denatured	B00068	
FCC-55		
Isopropyl alcohol (IPA)	B00130	
MEK:sec-Butyl alcohol 42:58 percent		
Methyl ethyl ketone (MEK) (Nylon only)	B00148	
Methyl isobutyl ketone (MIBK) (Nylon only)	B00151	JIS-K-8903
Methyl propyl ketone (MPK) (Nylon only)	B00666	
Toluene (Nylon only)	B00094	
TT-N-95, Type 2	B00083	
Turco 6709		

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