

P-D-680A
 INTERIM AMENDMENT 3 (USAF)
 13 July 1990
 USED IN LIEU OF
 AMENDMENT 2
 1 March 1990

FEDERAL SPECIFICATION

DRY CLEANING AND DEGREASING SOLVENT

This interim amendment forms a part of Federal Specification P-D-680A, dated September 9, 1988, and is approved for use within the Department of the Air Force.

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1.1: Delete and substitute:

1.1 Scope. Dry cleaning and degreasing solvent consists of three types of petroleum distillates. The different types are referred to as 'Stoddard solvent', '140°F solvent', and '200°F solvent'. They are used for dry cleaning, spot and stain removing and for degreasing of machine parts in equipment maintenance.

1.2: Delete and substitute:

1.2 Classification. Dry cleaning and degreasing solvent shall be of the following types:

Type I	-	Regular (Stoddard solvent) (Military Symbol SD-1)
Type II	-	High flash point (Military Symbol SD-2)
Type III	-	Odorless with very high flash point (200°F min)

Add as new paragraph 1.2.1

1.2.1 NATO Classification

Type I	S-752
Type II	S-753

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1.3, line 1: Delete 'Federal specification part numbers' and substitute 'Part or identifying number (PIN)'.

1.3, line 3: Delete 'military part number' and substitute 'PIN'.

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4.2: Add the following sentence:

'The contractor shall have the toxicological product formulations and associated information available for review by the contracting activity to evaluate the safety of the material for the proposed use through the submission of the Material Safety Data Sheet detailed in FED-STD-313 (See 6.7).'

4.4.2, line 3: Delete 'and acceptable quality level (AQL) shall be not more than 1.0 percent defective.' and substitute '. A lot shall be accepted when zero defects are found and rejected when one or more defects are found.'

Table II: Delete and substitute:

TABLE II. Quality conformance testing.

Characteristic	Test Method No. FED-STD-141	Test Method No. ASTM Method	Other Specs
Flash point			
Type I		D 56	
Type II		D 56	
Type III		D 93	
Distillation		D 86	
Kauri-Butanol Value		D 1133	
Allowable Constituents, % Volume	7356		
Apparent specific gravity		D 1298	
Viscosity		D 445	
Aniline point		D 611	
Color		D 156	
Odor		D 1296	
Copper corrosion		D 130	
Acidity		D 847	
Doctor test		D 235	
Vapor Pressure		D 2879	
Total Phenol Content			EPA 420.1

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4.5.2, line 2: Delete 'GLC mass spectrophotometer' and substitute 'gas chromatographic method or microcoulometric method which is accurate to ± 100 ppm'.

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4.6.1.4, line 2: Delete 'AQL shall be 1.0 percent defective.'

4.6.1.4, item 105: Delete 'MIL-STD-209' and substitute 'MIL-STD-290'.

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Add as new paragraph 6.1.3:

'6.1.3 Type III. Type III (odorless with very high flash point solvent) is intended to be used where confined atmospheric conditions require a cleaner that helps meet the federal government's directive for reduced hazardous materials.'

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Table III, line 6: Delete '6850-00-264-8012' and substitute '6850-00-285-8012'.

Table III, line 10: Delete '6850-00-295-8011' and substitute '6850-00-285-8011'.

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6.9: Add the following line:

'200°F solvent (type III)'

Preparing Activity:
Air Force - 68

(Project 6850-F846)