

(METRIC)  
A-A-2904  
**December 1, 1995**  
SUPERSEDING  
TT-T-291F  
May 8, 1978

## COMMERCIAL ITEM DESCRIPTION

### THINNER, PAINT, MINERAL SPIRITS, REGULAR AND ODORLESS

The General Services Administration has authorized the use of this commercial item description as a replacement for TT-T-291F for all federal agencies.

#### 1. SCOPE.

This commercial item description covers three types of mineral spirits (volatile petroleum spirits) for use as solvents, cleaners, or thinners with coatings such as paints, primers, natural or synthetic enamels, and their vehicle components. They are not intended for use where high solvency power is required. All types are considered non-photochemically reactive as defined by the South Coast Air Quality Management District Rule 102. Type I thinner is a conventional mineral spirits, Type II is a high flash point thinner used when slower evaporation is required, and Type III is a thinner with relatively low odor.

#### 2. CLASSIFICATION.

The mineral spirits shall be of the following types.

##### 2.1 Types:

- |          |   |  |
|----------|---|--|
| Type I   | - | Regular low aromatics mineral spirits. |
| Type II  | - | High-flash (or 60 °C) mineral spirits. |
| Type III | - | Odorless mineral spirits.              |

#### 3. SALIENT CHARACTERISTICS.

The mineral spirits shall conform to the applicable requirements of ASTM D 235-95 Class C, less than two volume percent aromatics, except as modified below:

- When tested in accordance with ASTM D 1296, Types I and II shall not have an obnoxious odor, and Type III shall have very little odor.
- The acidity shall be neutral when tested in accordance with ASTM D 847.
- The apparent specific gravity shall be determined by ASTM D 891 Method A. In all cases of dispute, ASTM D 891 Method B shall be used as the referee method.
- Thinners shall meet the definition of a nonphotochemically reactive solvent as defined by SCAQMD Rule 102. In addition, the thinners shall not contain greater than 0.1 percent methyl ethyl ketone and branched chain ketones.
- The thinners shall not contain any chromates and contain less than 0.06 percent lead.
- The thinner shall not contain any Ozone Depleting Substances (ODSs).

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: General Services Administration, Paints and Chemicals Center, Engineering and Commodity Management Division (10FTE), 400 15th St. SW, Auburn, WA 98001-6599.

**A-A-2904****4. REGULATORY REQUIREMENTS.**

4.1 **Recovered materials.** The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

4.2 **Ozone Depleting Substances.** The list of ozone depleting substances is found in 40 CFR Part 82.

**5. QUALITY ASSURANCE PROVISIONS.**

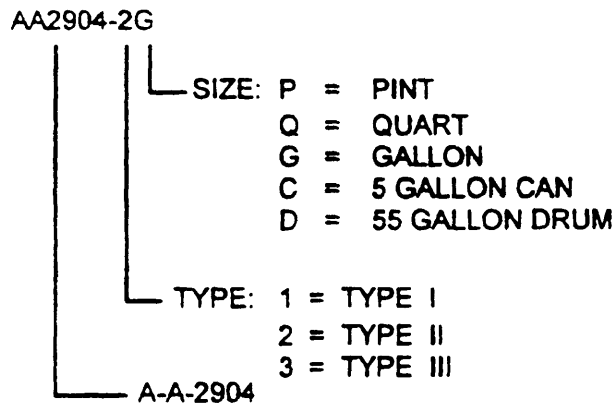
5.1 **Contractor Certification.** The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this Commercial Item Description and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

**6. PACKAGING.**

Packaging, packing, and marking shall be as specified in the contract or purchase order.

**7. NOTES.**

7.1 **Part Identification Number (PIN).** The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor.

**7.2 Source of Documents.**

7.2.1 Contact the contracting officer for a copy of paragraph 23.403 of the FAR.

7.2.2 Copies of ASTM specifications and standards may be obtained from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

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7.2.3 Copies of Rule 102 may be obtained from the South Coast Air Quality Management District (SCAQMD) 915 E. Flair Dr., El Monte, CA 91731.

7.2.4 Copies of the Code of Federal Regulations (CFR) may be obtained from the U.S Government Printing Office, Superintendent of Documents, Mail Stop SSOP, Washington, DC 20402-9328.

**MILITARY INTEREST:**

**Military Coordinating Activity**

Army - ATCOM

**Custodians:**

Navy - SH

Air Force - 99

**Review Activities:**

Army - MR, AR

Navy - YD, SH

**User Activities:**

Navy - MC, SH

**CIVIL AGENCIES COORDINATING ACTIVITIES**

COM-NIST  
GSA-PQSB  
NASA-JFK  
DOI-BLM

**PREPARING ACTIVITY**

GSA-FSS