

# JMN SPECIALTIES, INC.

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## PRODUCT BULLETIN

### MIL-PRF-680C

#### Degreasing Solvent – Type I - V

##### General Description

This specification covers degreasing solvent that consists of five types of petroleum distillates. The different types are referred to as “Stoddard solvent”, “141 degrees Fahrenheit (°F) (60.6 degrees Celsius (°C)) solvent”, “200°F (93.3°C) solvent”, “141°F d-limonene blended solvent” and “Low Volatile Organic Compound (VOC) solvent”. They are used for degreasing of machine parts in equipment maintenance.

##### Classification. Degreasing solvents are of the following types:

Type I	Low flash point (Stoddard solvent) (Military Symbol SD-1)
Type II	High flash point (Military Symbol SD-2)
Type III	Very high flash point (200°F) (Military Symbol SD-3)
Type IV	High flash point with citrus odor (Military Symbol SD-4)
Type V	Low VOC solvent (Military Symbol SD-5)

##### NATO classification:

Type I	S-752
Type II	S-753
Type III	S-760
Type IV	None
Type V	None

##### Application

These solvents are hydrocarbon-based solvents and are used as degreasers and cleaners for painted or unpainted metal parts. However, the compatibility between existing paints and solvents should be verified prior to use. It is recommended that these solvents should be used with an appropriate recirculated parts washer. No other commercial specification is available to cover these military applications.

##### Physical Properties

Appearance	Thin Clear Liquid
Odor	Mild Hydrocarbon Odor
Specific Gravity	0.754 - 0.980 (predicated on type)
Flash Point (minimum)	Between 100° F and 200 °F (predicated on type)
Aromatic Content	1% Maximum for all Grades

**Mil-PRF-680C** is formulated and meets the specifications for **Mil-C-680C**, and **MIL-PRF-680C**.

##### Availability

**Mil-PRF-680C** is available in UN approved 5 gallon pail, 55 gallon drums and bulk quantities.

##### Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.