

# SAMSOL T2

## Technical Data Sheet



**Banner Chemicals Group UK**  
Flying the flag of excellence for over 150 years

**Samsol T2** is an approved MIL-PRF-680C Type II solvent cleaner designed for hand-wiping and immersion applications. It is also suitable for use in airless vacuum hydrocarbon equipment.

**Samsol T2** is selected when a low odour, non-flammable solvent with exceptional drying characteristics is required.

**Samsol T2** is a high performance solvent cleaner, offering broad-based solvency and low toxicity.

**Samsol T2** is formulated to effectively remove a wide range of soils such as grease, mineral oil, lubricants, coolants, synthetics, and particulate matter.

**Samsol T2** is safe for use with ferrous and non-ferrous alloys such as aluminium, copper and copper alloys, magnesium, nickel, steel, stainless steel, titanium and zinc. It is also compatible with many polymeric substrates and elastomers.

**Samsol T2** is a direct replacement for Acetone, IPA, MEK, Toluene and other low-flash point, flammable materials. It may also be an effective alternative to halogenated solvents and caustic cleaners.

**Samsol T2** is a high-purity solvent, designed to leave substrates with very low surface residue and low non-volatile residue (NVR).

### FEATURES & BENEFITS

- MIL-PRF-680C Type II Solvent
- P-D-680 Replacement
- Exceptional Dry Time
- Low Toxicity
- Low Surface Residue/NVR
- Low Odour
- Corrosion Inhibition
- Non-Corrosive
- Non-Flammable
- Good solvency

### PROCESS

Appearance.....	Clear liquid
Odour (ASTM D1296).....	Odourless
Flash Point (ASTM D56).....	69°C
Specific Gravity (15°C) (ASTM D1298).....	0.765
Distillation Range (ASTM D86).....	197-208°C
Vapour Pressure (20°C)(ASTM D2879).....	<1.0mm Hg
Kauri-Butanol (KB) Value ((ASTM D1139).....	27.5
Non-volatile Residue (100mL)(ASTM D1353).....	3mg
Colour (ASTM D156).....	>25
Aromatic content (ASTM D3257).....	<1% v/v
EPA (EPA 6280B).....	Non detected
Total Chlorine.....	<10 ppm
Copper corrosion (ASTM D130).....	Pass
Sandwich Corrosion (ASTM F1110).....	Pass
Total Immersion Corrosion ((ASTM F483).....	Pass
Titanium Stress Corrosion (ASTM F945).....	Pass
Acidity ((ASTM D847) .....	Neutral
Doctor Test (ASTM D235) , .....	Negative
Soil cleaning test (FTM 791.7502).....	93%

### APPROVALS & TESTING

#### Approvals

MIL-PRF-680C Type 2 Degreasing Solvent (QPL DS0026)

Rolls Royce CSS267 (BS 245)

NCAGE:KH892

#### Testing

ASTM F-1110 ASTM F-483.ASTM F-945,ASTM D-130

ASTM D-1296, ASTM D-1353.ASTM D3257,ASTM D1353

### DISPOSAL /SAFETY

**Disposal:** Banner Chemicals recommends contacting your current or local environmental service company for disposal of this product.

**Safety:** Please see Material Safety Data Sheet for further information.

**Storage:** **Samsol T2** should be stored in the original container, preferably above 50°F (10°C), in a ventilated, fire-resistant building.

**Packaging:** **Samsol T2** is available in 15 kg pails and 155 kg drums.

### ENVIRONMENTAL/REGULATORY

Ozone Depletion Potential (ODP):.....Zero

Global Warming Potential (GWP): .....Low

### PROPERTIES

1. For hand-wiping applications, apply **Samsol T2** undiluted to the desired substrate by brush, pad or cloth.
2. For immersion applications, add **Samsol T2** at full concentration to the wash tank reservoir.
3. For airless vacuum equipment, add **Samsol T2** at full concentration to the wash chamber.

### SOILS REMOVED

- Mineral Oils
- Synthetic Oils
- Rust Inhibitors
- Lubricating Oils
- Particulate Matter
- Water-Soluble Oils
- Coolants
- Grease
- Fingerprint Oil
- Dust

### SHELF LIFE

The shelf life for this product is indefinite when it is stored in its original, sealed container at room temperature. However, the product should be inspected after twenty-four (24) months from the date of manufacture prior to customer use.

Samsol is a trademark of Samuel Banner

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