



## VD-40 Multi Function

Technical Data Sheet



### PACKAGING:

300ml Bottle

### DESCRIPTION:

VOLKIO VD-40 will dissolve dirt and grime in your gun but won't remove it. It evaporates rather quickly, leaving the residue behind and gumming up the moving parts. VD-40 should only be considered when a gun has been exposed to extreme amounts of moisture. Even then, it must be removed and replaced with a good gun oil.

### EFFECT ON MATERIALS

- **GENERAL:** Nearly all materials react to WD-40 as they would to high grade aliphatic petroleum spirits with the same exposure, i.e., spray, quick dip or prolonged immersion. WD-40 contains no silicone, PTFE or chlorofluorocarbons.
- **RUBBER:** No visible effects on surface of various types of rubber sprayed with WD-40. Certain types of rubber will swell upon prolonged immersion in WD-40.
- **HIGH STRENGTH STEELS:** (for hydrogen embrittlement) Certified SAFE according to the Lawrence Hydrogen Effusion Test.
- **FABRICS:** The following fabrics were exposed to WD-40 with no effect, expect slight staining which was readily removed with naphtha or dry cleaning solvent: Nylon, Orlon, Wool, Dacron, Cotton.
- **PAINTED SURFACES:** Many types of paint on various surfaces have been exposed to WD-40 with no effect. Wax polishes and certain wax coatings may be softened by WD-40.

#### PLASTICS:

The following plastics were immersed in VD-40 for 168 hours with no visible effects:

- Polyethylene
- Delrin
- VinylTeflon
- Formica
- Polypropylene
- Polyester
- Epoxy
- Acrylic
- Nylon

### TYPICAL PROPERTIES:

TEST	RESULT	TEST	RESULT
Appearance	Slightly Cloudy	Flash Point	43°C closed cup
Color	Light Amber	Pour Point	Below -73°C
Odour	Slight	Boiling Point	149°C (min)
Specific Gravity	0.80 at 25°C	Thickness	0.0025mm to 0.0076mm
Viscosity	(ASTM D445) 2.5cSt	Coverage	14m <sup>2</sup> to 24m <sup>2</sup> per liter
% non Volatile	30% by weight	% Volatile	70% by weight

### APPLICATION:

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- Spray
- Brush
- Dip

NOTE: Application of permanent coatings over WD-40: Best results will be obtained when the surface is cleaned. Mineral spirits, lacquer thinner, vapour degreasing or alkaline cleaner are suitable.