MULTI-USE PRODUCT TECHNICAL DATA



THE TRADE'S NO.1 MULTI-PURPOSE LUBRICANT

PHYSICAL CHARACTERISTICS

Appearance: Slightly cloudy

· Colour: Light amber

· Odour: Slight, characteristic odour

Specific Gravity: 0.80 at 25°C

• Viscosity: (ASTM D445) 2.5 cSt at 40°C

• Flashpoint (minimum): 43°C closed cup

· Percent Non-volatile (minimum): 30% by weight

 Percent Volatile (maximum): 70% by weight aliphatic petroleum distillate

• Pour Point: Below -73°C

• Coverage: 14m² to 24m² per litre

Boiling Point (initial): 149°C (minimum)

Weight, applied coating: 1.7 x 10⁻³ kg/m²

Thickness: 0.0025mm to 0.0076mm

CORROSION PROTECTION

Tested on freshly sanded mild steel panels:

EXPOSURE	RESULTS
Salt Spray	0% rust after 72 hours

Under actual conditions the duration obtained using WD-40 will vary with the type of material being protected and the conditions of exposure.

- 1. Covered or indoor storage 1 year or longer
- 2. Protected exterior storage 6 months to 1 year
- 3. Normal exterior exposure 30 to 60 days
- Severe exterior exposure 15 to 30 days (near beach, high humidity, salt spray and fog). If longer protection is required, WD-40 should be lightly reapplied when necessary.

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 chloroflurocarbons.

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 with WD-40 for 168 hours with no visible effects:

- Polyethylene Delrin VinylTeflon Formica
- Polypropylene Polyester Epoxy Acrylic Nylon Clear polycarbonate and polystyrene may stress craze or crack in contact with WD-40.





WD-40 MULTI-USE PRODUCT, THERE'S ALWAYS ANOTHER USE.



THE SOLUTION FOR EVERYTHING

THERE'S ALWAYS ANOTHER USE.

The can with thousand's of uses!



LUBRICATES

WD-40's lubricating ingredients keep parts moving smoothly and reduces friction and wear; helping parts work better for longer. WD-40 does not contain silicone and is ozone friendly.



CLEANS

WD-40 gets under dirt, sap, grime and grease to clean while forming a corrosion resistant barrier. It also dissolves adhesives, allowing easy removal of labels, tape and stickers from most surfaces. Just spray and allow it to soak for a few minutes before wiping off.



PROTECTS

WD-40 contains corrosion resistant ingredients that shield metal surfaces against moisture and other corrosive elements.



PENETRATES

WD-40's fast acting ingredients penetrate into rusted, stuck, frozen and seized up parts; allowing them to quickly loosen and keep parts working freely.



DISPLACES MOISTURE

WD-40 is non-conductive and works by displacing any moisture in electrical systems, eliminating moisture induced short circuits.

