



## PRODUCT DATA

# 500-H PASTE

### DESCRIPTION

- A grease like semi-translucent paste with good water repellent, non-melt and electrical insulation properties.
- It is non-toxic with no odour and adheres readily to all surfaces.
- Sunlight and exposure to the atmosphere will not cause it to polymerize or crack.

### PHYSICAL CHARACTERISTICS

- Does not age when exposed to air.
- Exceptional thermal stability serviceable from -45°C to 200°C+ .
- Low vapour pressure gives long life at high altitude or in vacuum conditions.
- Chemically stable, not attacked by sunlight, ultra violet light, rain, sleet, snow, petrol, paraffin, gasses, steam, acids or dew.
- Non-toxic - lubricates guides, slideplates and tables of food textile and paper industry.
- Antistatic, prevents tracking on high tension equipment and insulators.
- Lubricating characteristics superior to mineral oil in very cold and very hot conditions and promotes free sliding of plastic, metal and wood components. (We have an alternative product for anti-friction bearings)
- Non-stick, anti-adhesive separating properties for food, plastic moulding and metal die-casting. Waterproofs textiles, canvas, wood surfaces and leather.

### SOME TYPICAL APPLICATIONS

- Prevents tracking on insulators.
- Renewing the appearance of plastic and leather goods - Apply as polish.
- Waterproofs ignition systems of cars, boats and aircraft. Successfully used by motor racing rally drivers.
- Anti static - Insulates and waterproofs electrical components.
- Reduces ice build-up in refrigerators and freezers.
- Lubrication for installation of O rings and seals. It improves sealing qualities.
- Machining lubricant for all types of plastic.
- Softens, preserves and waterproofs leather.
- Prevents ski bindings freezing.
- Lubricates wood on wood, glass on wood, plastic to plastic, plastic on glass, rubber to rubber, making it very useful on sliding surfaces of modern machinery with combinations of materials.
- Excludes water from electrical connectors e.g. weather exposed high voltage connectors of draglines operating on open cast mines and in high humidity areas of underground mines.
- Tropical coast power lines where dew condenses on electrical equipment causing malfunction.
- Outdoor house hold plugs, trucks & trailer brake and indicator lights connectors.
- Caravan tent groove lubricant.

We are sure there are many more possible applications we have not listed on this data sheet.

**Kindly note:** The responsibility lies with the user to test and approve applications for specific needs.

**TYPICAL SPECIFICATIONS**

Di-electric strength k/V/mm	> 20
Penetration unworked	300
Worked	480 (10th mm)
Bleed @ 200°C for 30 Hours % m/m	1.62

**CAUTION**

500H Paste is non-toxic and is not a skin irritant.

If it is introduced into the eyes by rubbing with contaminated hands, temporary discomfort will result.

Rinsing the eyes with water will relieve the conditions.

**PACKAGING**

SIZE	PROD CODE
50g	1-700 7501
100g	1-700 7502
500g	1-700 7504
1kg	1-700 7505
5kg	1-700 7506
25kg	1-700 7509
50kg	1-700 7510

**SHELF LIFE**



5 Years from date of manufacture.

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