

# Dynax-S50

## Corrosion Prevention



### How to use Dynax S50

Atomisation into enclosed cavities and voids is recommended to ensure thorough coverage of all surfaces. Dynax-S50 contains highly polar corrosion inhibitors that are able to displace surface moisture.

### Dynax S50 injection system requires no compressor or additional equipment.

Dynax is available in Australia in easy to use in a 750ml (3/4 of a litre) aerosol dispensers. The pressurised giant-sized Dynax S50 dispenser accepts interchangeable heads:

The 60cm cavity injection lance has a brass precision fluid-tip drilled radially to delivery at high pressure, a dense, finely atomised circular mist of Dynax S50 ensuring 360 degree coverage of box section and cavities.

For accessible areas the extension tube is removed and a solid-cone spray pattern actuator simply slipped in its place.



5 litre tubs and 20 litre drums can also be ordered.

Imported and distributed through selected dealers Australia wide, by:-

### Penetration Tests

If you decide to treat your car or vehicle to additional corrosion treatment it's important to select a cavity wax that can penetrate into welded flanges seams—these are the areas proven to be the first to corrode—in fact the Swedish Corrosion Institute conducted a thorough investigation into vehicle corrosion by sawing open the bodies of 845 collision-damaged cars manufactured between 1994 and 1997. The corrosion observed in the flanges and seams resulted in the recommendation that even on cars with reasonably good cavity fluid treatment applied at the factory a complementary treatment be used within 3 years of manufacture.

### A Comparison

**Dynax S50** is designed to protect steel surfaced in extreme conditions. It's well known that vehicle cavities are subject to a wide-range of corrosive environments, from salt spray to high humidity, heat, fresh water and freezing. The cavity wax chosen must cope with all these variables and continue to provide the necessary protection—maintaining the structural integrity.

For example, after a period of constant salt-spray they swell become bloated and detach from the surface in an atmosphere of high humidity alone.

**Dynax S50 has been proven to provide outstanding salt-spray protection and continuing protection in changing conditions** with no swelling or detachment whatsoever. You'll see next how **Dynax S50** compared with two extremely well known cavity waxes in constant sea salt trials.

### Technical Data

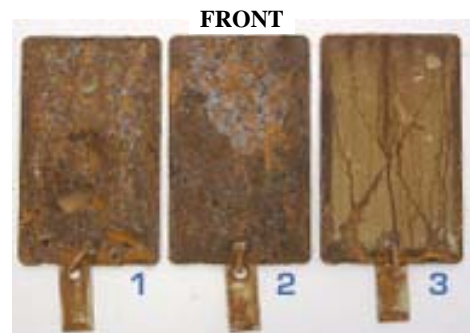
Flash Point:	44°C
Storage:	Up to 5 years unopened.
Temp Range:	+5°C to 30°C
Solids:	50%
Drying Time:	24 hours (approx) @ 15°C
Appearance:	Brown, soft and wax-like.

### Dynax S50 comparison test with leading competitors

These standardised test panels have been removed from an ASTM-B-117 hot salt spray trial after an extremely aggressive 200 hours. The rear of the panels show that the steel left unprotected is almost corroded through.



The panel fronts as removed are difficult to assess as corrosion streaks and marks are left. As during the test the unprotected panel edges allow corrosion deposits to pour down the vertically positioned panels.



After solvent washing the panel fronts any remaining waxy film is removed allowing inspection of the underlying surface. Assessment of the product performance is then easy



1. Acclaimed Swedish Cavity Wax show high degree of failure.
2. UK's leading anti corrosion wax shows total failure
3. **Dynax S50** protected metal is