

# SHIELD - AEROSOL

High quality 3 in 1 corrosion preventative, moisture displacer and light lubricant



**SHIELD is an incredibly versatile product which acts as a light duty lubricant, penetrant/release agent, dewatering fluid and corrosion preventative. Shield contains a blend of cleaning solvents to wash away residues of oil and grease, dispelling water and allowing deep penetration into threads and mechanisms. A combination of mineral oils and oxidised waxes provide lubrication and unrivalled corrosion protection. In aggressive accelerated salt spray tests Shield has been shown to provide up to 3 times the protection of rival products.**

## ADVANTAGES

Highly effective corrosion preventative and moisture displacer.

Also a versatile penetrant and light lubricant.

Contains mineral oils and oxidised waxes.

Light duty lubricant with excellent corrosion protection.

Suitable for use in mechanical, electrical, assembly, fabrication, maintenance and surface treatment applications.

Film remains effective up to 150°C.

Resists up to 100 hours salt spray.

## TYPICAL APPLICATIONS

- Release of tightly corroded components, nuts and bolts during maintenance and repair.
- Routine lubrication of mechanisms, switches and contacts during maintenance.
- Displacement of water from electrical and ignition systems.
- Protection of components, machined surfaces and equipment from corrosion during storage or transit.
- Protection of manufactured items in production environments to prevent corrosion, aid assembly and ensure items remain in original condition following storage.

## APPLICATION INSTRUCTIONS

- When re-instating, rinse electrical components or switches with Lotoxane Fast to remove the protecting film and allow to drain and fully air dry before reconnection.
- Shield may be applied by spraying onto and around the component.
- For release of nuts and bolts allow a short contact time following application to ensure total penetration. It is often better to tighten nuts slightly to crack the rust prior to unwinding.



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## TECHNICAL DATA

APPEARANCE	Aerosol
PROPELLANT	Carbon Dioxide
COLOUR	Brown
ODOUR	Hydrocarbon Solvent
SPECIFIC GRAVITY	0.80
VOC CONTENT	644g/l
SOLUBILITY	Insoluble in water
SALT SPRAY	Up to 100 hours
BOILING POINT (°C)	155
FLASH POINT (°C)	43 P/M Pensky-Martens
VISCOSITY	3 cps @ 20°C
SURFACE TENSION	20 mN/m @ 20°C
PACK SIZES	300ml aerosol

## PRECAUTIONS

Keep away from heat, sparks and open flame. Ensure that the working area is well ventilated.

## STORAGE PRECAUTIONS

Store at temperatures between 4°C and 40°C. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

## HEALTH AND SAFETY

Refer to Safety Data Sheet (available on request).

## RELATED PRODUCTS



### SUPER SLAKS

Penetrating fluid with graphite



### WIRE ROPE & GEAR LUBRICANT

Lubricant, corrosion inhibitor & protector

