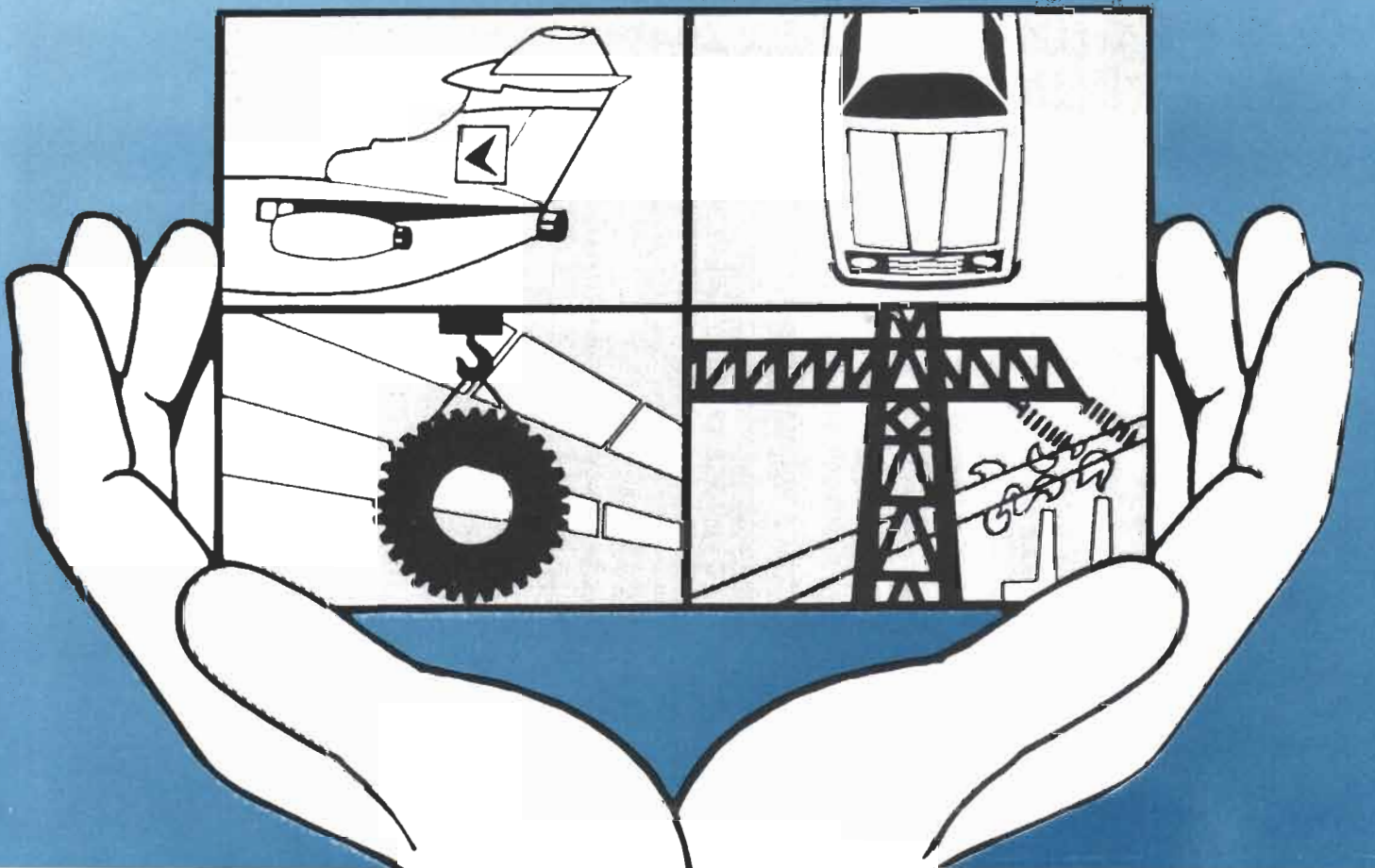


**VAPOR-TEK**

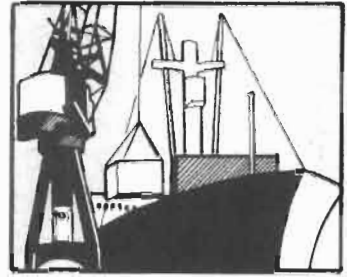
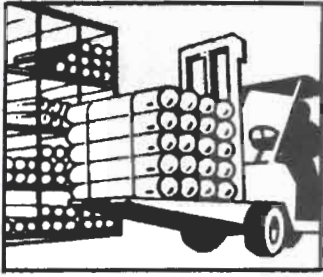
# STEELGARD

**AN ENTIRE RANGE OF CORROSION PREVENTIVES  
-FROM A SINGLE SOURCE**

**clean, simple, quick, cost-effective**



# VAPOR-TEK STEELGARD



FOR THE PROTECTION OF MACHINERY, EQUIPMENT, VEHICLES, METAL PARTS, SPARES,

## CLEAN, SIMPLE, QUICK

- Clear, free-flowing liquids.
- Easily applied by dip, spray, brush, swab, etc.
- Thin, transparent, lubricating, protective films.
- Good handling - no messy thick, sticky coatings.

## HIGH PERFORMANCE

- The Steelgard fluids generally outperform the traditional thicker, heavier coatings, usually at lower cost.
- Up to two years protection under normal storage conditions.

## CUSTOMER

- Removal generally unnecessary - thin, soft, lubricating film enables Steelgard-coated parts to be put directly into service.

## A WIDE RANGE FOR THE PROTECTION

### STEELGARD GP (General Purpose)

A very high quality product manufactured to meet the requirements of Ministry of Defence Standard DEF. STAN. 68-10 (PX-24) and NATO CODE C-634.

Approved by leading British and foreign aerospace, engineering and government organisations (details on request). Also available in aerosol form for general maintenance purposes.

## OTHER VAPOR-TEK PRODUCTS

### STEELGARD EXPORT

Specially formulated to give really outstanding protection against the severely corrosive salt and acid conditions encountered during deep-sea exporting and air-freighting. It is also excellent for very long-term storage.

It avoids thick, heavy, greasy coatings and generally does not require removal.

*A fully detailed brochure is available on request.*

### VAPOROL\*

A combined vapour-phase and contact inhibitor oil (BSI 1133, Section 6, TP9) for the simple and effective prevention of corrosion in enclosed areas. Suitable for inside engines, gearboxes, fuel tanks, pumps, compressors, hydraulic systems, packing cases, etc., during storage and transportation.

Compatible with most lubricants, petrol and diesel.

Generally no depreservation needed - especially useful for

'stand-by', emergency and seasonal equipment.

There is no need to coat the metal surfaces to be protected since the vapour slowly released from the oil will permeate the space to neutralise the effect of moisture and corrosive contaminants.

*A fully detailed brochure is available on request.*

### AQUAVAP\*

Functions in a manner similar to Vaporol, but uses water in place of oil as the 'carrier'. Uses include the pressure testing of items such as pumps, fire extinguishers, gas cylinders, boilers, pipework, heat exchangers and hydraulic systems. Also finds use in the prevention of corrosion of packaged metal parts during storage and transportation.

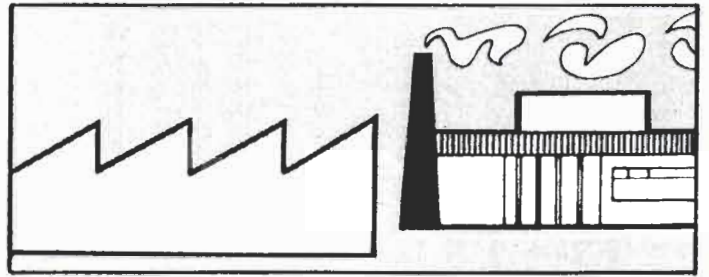
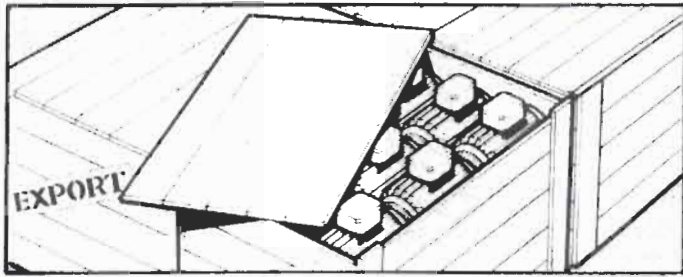
Very low toxicity.

### VPI PAPER\*

Paper impregnated with vapour-phase inhibitors of corrosion used as a wrapping material for the protection of metal parts, avoiding the need for protective surface coatings. Examples include certain precision metal parts, surgical steel blades, bearings, needles, screws, food equipment, etc.

Nitrite-free - no toxicity or handling problems.

# ULTRA-THIN FILM DEWATERING CORROSION PREVENTIVES



ETC., DURING MANUFACTURE, STORAGE, PACKAGING, TRANSPORTATION, EXPORT

## ECONOMICAL

- High coverage rates - up to 120 square metres per litre.
- Labour saving - quickly and easily applied.
- Fast drying - minimal hold-up.

## APPEAL

- Compatible with most lubricants.
- All grades available with marker/indicator dye for quality control.

## VERSATILE

- All ferrous and non-ferrous metals and alloys protected.
- Generally no adverse effect on paints, rubbers, plastics and other non-metallic materials.
- Can be used to protect complex machinery and assemblies.
- Powerful water displacers - can be applied directly to wet parts following cleaning, degreasing, phosphating, etc.

# OF ALL MAJOR METALS AND ALLOYS

### STEELGARD SX

Similar to Steelgard GP, but giving a less oily and slightly stiffer coating which will withstand short exposure to direct weathering, e.g. during loading and unloading of goods, brief outdoor storage, etc.

Also has improved acid fume resistance.

### STEELGARD AR *(Acid Resistant)*

A low cost, highly acid fume resistant, water displacing corrosion preventive.

Intended mainly for dip-tank applications following the pickling and washing of steel.

Usually supplied in concentrate form to be blended with white spirit at the point of use.

### STEELGARD TD *(Touch Dry)*

Similar to Steelgard GP, but leaves a thin, touch-dry, non-oily film for better handling and presentation.

The non-tacky film will not gather dust and debris.

### STEELGARD UNIVERSAL

Similar to Steelgard GP in most properties, but gives extra protection to the non-ferrous metals. Excellent for electrical equipment and other complex mixed metal items/assemblies.

### STEELGARD VOC-FREE\*

A thin, soft film corrosion preventive formulated to assist in conforming to the Environmental Protection Act, 1990 and Statutory Instrument 1991, No. 472. Film Type: BSI 1133, Section 6, TP5.

Will not drain from surfaces (a problem with simple oil-based products and water-based emulsions). No drying time. Easily removed if necessary.

### STEELGARD RP (RUST PREVENTIVE) GREASE\*

Designed for really heavy-duty applications. Applied by brush, the film thickness is controlled by the operator. However, this is generally not less than 50 microns.

Protection under normal storage and transportation conditions is to all intents indefinite.

### SPECIAL FORMULATIONS

Unusual problems of corrosion call for 'unusual' solutions. In instances where there is no appropriate product in our standard range, we can draw upon our wide experience of corrosion problem-solving to formulate special materials to suit the circumstances.

Please do not hesitate to discuss your problems with us.

### ENVIRONMENTAL BENEFITS

Vapor-Tek products are low in toxicity and do not contain nitrites, chlorinated substances or heavy metals. Steelgard VOC Free, RP Grease, Aquavap, VPI Paper and Vaporol contain no volatile organic compounds (VOC's) thereby assisting customers in complying with the current environmental legislation.

Those products which do contain a solvent are designed to give high coverage rates, thus helping to reduce VOC emissions overall.

\*CONTAIN NO VOLATILE ORGANIC COMPOUNDS (VOC's)

# STEELGARD

All the products described in this brochure have an indefinite shelf life and will not deteriorate under normal storage (e.g. warehouse) conditions.

The vapour-phase inhibitor products should be stored with containers or packages closed to avoid loss of vapour. Avoid high temperatures and damp conditions in the case of paper products.

All Vapor-Tek products are backed by comprehensive technical and laboratory services, including research and test facilities.

Qualified staff are on hand to discuss the use of Vapor-Tek products and to advise on general problems of corrosion.

Steelgard Ultra-Thin Films and Steelgard Export contain petroleum solvents. Most of these have a flash-point of approximately 40°C. They are classed as flammable liquids (not highly flammable) and must be stored and used in accordance with current regulations.

Vaporol, Steelgard VOC-Free and Steelgard RP Grease contain highly refined mineral oil (but no solvents). Although these present no special hazards, common sense dictates that all the normal precautions associated with mineral oils should be observed, e.g. avoidance of prolonged or repeated skin contact.

Detailed Health & Safety data available on request.

# VAPOR-TEK

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