

"Repair Don't Replace"




# The Engineer's Choice Surface Engineering Solutions

## Super Metal Repair Systems

**Rapid Setting Super Metal Repair Paste**  
UPS 19065 10 x 175g


- Rapid curing
- Excellent mechanical strength
- Easy machining properties
- Ideal for repairs to pipes, tanks, radiators, stripped threads and casings



## Ceramic Carbide Repair Systems


**Ceramic Carbide Wearing Compound**  
UPS 200 4 x 2kg

- Developed for use in fluid flow environments
- High level of abrasion and corrosion resistance
- Optimum physical and mechanical strength



**PlasSteel Twist Stick**  
UPS 19060 10 x 125g

- Fast curing and will set underwater
- Supplied in the form of a stick
- High physical and mechanical strength
- Developed for on-site repairs to castings & worn threads as well as underwater emergency repairs



**Super Metal Rebuilding System**  
UPS 105 4 x 1kg

- Excellent mechanical strength
- Easy machining properties
- Ideal for repairs to pumps, valves, worn shafts and stripped threads
- Allows repair in one easy application




**Abrasion Resistant Ceramic Carbide Fluid**  
UPS 205 4 x 1kg (Grey or Blue)

- Fluid grade
- Designed for use in fluid flow environments
- High level of abrasion and corrosion resistance
- Optimum physical and mechanical strength




**Super Low Friction Efficiency Coating**  
UPS 210 4 x 1kg (Red or Grey or Blue)

- Developed for use in fluid flow environments
- Optimum resistance to erosion/corrosion
- Low friction to enhance fluid flow
- Ideal for protecting pumps, valves, impellers and waterboxes




**Pipewrap Pipe Repair Tape**  
UPS 19601 50mm x 1.7m

- Simple-to-use
- Rapid curing & moisture activated
- Seals leaking pipes in minutes
- Also available in:  
50mm x 3.6m (UPS 19603)  
75mm x 3.6m (UPS 19604)  
100mm x 3.6m (UPS 19605)




**Cavitation Repair Ceramic**  
UPS 230/UPS 235 6 x 500g

- Where CAVITATION has occurred
- UPS 230 Repairs the DAMAGE
- UPS 235 Helps to PREVENT further damage
- Non brittle ceramic HARD coating



**High Temperature Ceramic Carbide Compound**  
UPS 220 1 x 3kg

- Developed for use in high temperature immersion
- High level of abrasion and corrosion resistance
- Ideal for use on oil/water separators and equipment in hot, wet service conditions



**Heavy Duty Ceramic Carbide**  
UPS 240 1 x 5kg

- High abrasion resistance
- Reinforced with ceramic beads
- Excellent erosion and corrosion resistance
- Ideal for equipment subject to aggressive attack from dry solids and slurries



## Elastomeric Repair Systems

**'60' Durometer Paste Elastomer**  
UPS 305 4 x 600g (Includes primer)

- Paste grade (Shore A Hardness of 60)
- Developed for the repair of rubber components by trowel/putty knife
- Suitable for use on impellers, chutes, hoses, conveyor belts and off road tyres
- Fluid grade version available with a Shore A Hardness of 80 (UPS 315)




**'80' Durometer Fluid Elastomer**  
UPS 315 4 x 600g (Includes primer)

- Fluid grade (Shore A Hardness of 80)
- Developed for casting rubber components
- Suitable to use on impellers, chutes, hoppers, valves, rollers or gaskets
- Fluid grade version available with a Shore A Hardness of 60 (UPS 300)




**'80' Durometer Fluid Elastomer**  
UPS 320 4 x 750g (Includes primer)

- Fluid grade (Shore A Hardness of 80)
- Developed for the repair of equipment operating in aggressive environments
- Ideal for use on impellers, chutes, hoppers, conveyor belts, gaskets & hoses
- Paste grade version available with a Shore A Hardness of 60 (UPS 305)



**'60' Durometer Fluid Elastomer**  
UPS 300 4 x 600g (Includes primer)

- Fluid grade (Shore A Hardness of 60)
- Designed for use with the paste grade to provide a smooth finish
- Ideal for use on impellers, chutes, hoses, conveyor belts & off road tyres
- Fluid grade version available with a Shore A Hardness of 80 (UPS 315)




**'60' Durometer Rapid Paste Elastomer**  
UPS 310 10 x 125g (Includes primer)

- Fast curing (Shore A Hardness of 60)
- Developed for the repair of rubber components by trowel/putty knife
- Supplied in a blister pack
- Optimum mechanical strength



**'80' Durometer Brushing Elastomer**  
UPS 325 4 x 600g (Includes primer)

- Brushing Elastomer (Shore A Hardness of 80)
- Designed for the repair of equipment operating in aggressive abrasive environments
- Suitable to use on chutes, hoppers and impellers



## Engineers' Repair Kits

## Commercial Marine & Chemical Protection


**Standard Resin**  
UPS 19000 10 x 225gm

- Solvent free epoxy for onsite repairs to metal, wood, glass and synthetic materials
- Simple and easy to use in conjunction with ThistleBond reinforcement products
- Excellent adhesion, mechanical and physical strength



**ThistleWrap Pipe Repair Kit**  
UPS 19500 (small) UPS 2006 (large)

- Seals leaking pipes within minutes
- Water activated pipe repair bandages and fast curing metal repair compounds included
- Repairs tolerant of temperatures up to 270°C
- Up to five repairs from one kit




**Engineers' 'A' & 'C' Kits**  
UPS 11000 'A' Kit

- Solvent free and epoxy based resin and hardener
- Water activated pipe repair bandages, general purpose adhesive and fast curing metal repair compounds included
- Smaller 'C' Kit available (UPS 13000)




**Lifeboat Resin**  
UPS 19001 10 x 330gm

- Solvent free coating to repair polyester resin laminated hulls
- Excellent penetration, adhesion and overcoating properties
- Full range of accessories supplied in kit



**Glass Tape**  
UPS 19007 50mm x 50m  
UPS 19009 100mm x 50m

- Glass Tape used in conjunction with ThistleBond repair products to effect high performance, high strength repairs to a wide range of materials and surfaces



**Lifeboat Repair Kit**  
UPS 17000

- Solvent free coating to repair polyester resin laminated hulls
- Excellent penetration, adhesion and overcoating properties
- Full range of accessories supplied in kit



## Concrete Repair & Grip Systems


**Anti-Corrosion Aluminium**  
UPS 515 1 x 5 litre

- Anti-corrosive coating
- Ideal for marine decks, stairs, railings and steel surfaces
- Ideal for surfaces where surface preparation is restricted
- Good corrosion and weather resistance
- Compatible with most existing coatings



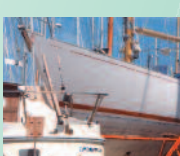
**MA9 Tie Coat**  
UPS 530 1 x 5 litre

- Primer for metal and GRP surfaces
- Suitable for spray application
- Overcoating period up to three months



**152 SFE**  
UPS 500 1 x 2 1/2 litre

- Prevents OSMOSIS on GRP hulls
- Single coat application
- Corrosion resistant coating for steel, wood, phenolic and GRP in immersed conditions



**Concrete Patch Repair**  
UPS 610 1 x 5kg

- Repairs to damaged and eroded concrete
- Fast setting
- Self-priming
- Good adhesion, abrasion, impact & chemical resistance



**UPS HS**

- General Service Industrial Floor Coating
- High Solids Epoxy
- Choice of Colours
- Abrasion - Impact - Chemically Resistant




**Therma-Tech LG**  
UPS 625 1 x 20 litre

- Water-borne coating for lagging protection
- Encapsulation system for thermal insulation materials
- Protects against under insulation corrosion
- Tested to IMO Fire Test Procedures Code, Annex 1 Part 5 and Part 2




**Hycote 175**  
UPS 675 1 x 5kg

- Solvent free coating
- Exceptional resistance to chemical attack
- Suitable for steel and concrete in total immersion
- Ideal for tanks & pipework



**Grip-Tech**  
UPS 605 4 x 800g (includes WD Grip)

- Slip deterrent system for mineral and metal surfaces
- Suitable for application on most surfaces
- Ideal for steps, ramps, floors, concrete, wood, & GRP
- Use in combination with ThistleBond Grips



The products highlighted on this chart are just part of the Unique Polymer Industrial and Marine maintenance range which includes:

- Super Metal Repair Systems
- Ceramic Carbide Repair Systems
- Elastomeric Repair Systems
- Laminates
- Topside & Below Waterline Repair Systems
- Chemical Protection Systems
- Corrosion Protection Systems
- Concrete Repair Systems
- Safety Surfacing Systems

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