

- PV FINES SCREEN - PROLONG SR PUTTY
- CONDENSOR TUBE - PROLONG CERAMIC BRUSH ON
- REBUILD ASH PUMPS - PROLONG CERAMIC REBUILD PUTTY
- COMPLETE CONVEYOR SHAFTS - PROLONG Hg METAL REPAIR
- RELINE WASTE CHUTES - PROLONG SR BRUSH ON
- OVERHAUL MULTI STAGE W/P - PROLONG BRONZE PUTTY
- NO3/B IMPELLER - REPAIR
- GENSET - CHOCKING / BEDDING



*Maintenance
Solutions*



ABRASION RESISTANT EPOXIES



CERAMIC BRUSH ON Thixotropic liquid that can be easily applied by brush to equipment to provide protection against abrasion, corrosion and chemical attack. Extremely effective coating for controlling abrasion and chemical attack on mineral processing tanks, agitator assemblies, condensor tube faces and ducting, and lining slurry lines, pumps, shafts, fans and flanges.

Item Code 95010K Kit Contents 1 kg



CERAMIC REBUILD PUTTY Highly advanced epoxy putty that provides suitably treated equipment with exceptional resistance to erosion, cavitation, corrosion and chemical attack. Repair or rebuild pumps, impellers, liners, valves, elbows and other components used in power plants, pulp and paper mills, and other industrial applications.

Item Code 95011K Kit Contents 1 kg

ABRASION RESISTANT PUTTY Fine grade trowellable epoxy putty for smooth, low friction treatment and repair of equipment with maximum resistance to abrasion in high wear applications. Repair, rebuild or treat butterfly and gate valves, shafts, flanges, bearings and other similar components in processing or manufacturing applications and achieve a smooth, erosion and corrosion resistant finish.

Item Code 95012K Kit Contents 1 kg

HD CERAMIC PUTTY Tough, impact and abrasion resistant trowellable epoxy putty for use in extremely aggressive wear and abrasion applications. A special combination of ceramic within a highly resilient resin ensures excellent performance when applied to chutes, elbows, slurry lines and associated components, pulverizers and other equipment subjected to excessive wear .

Item Code 95013K Kit Contents 1 kg



HIGH TEMP AR (Abrasion Resistant) PUTTY Fine grade trowellable epoxy for application to equipment subjected to wear and corrosion that operates at extremely high temperatures. Possesses outstanding chemical resistance when ultimately cured and is used on pumps, butterfly and gate valves, shafts, flanges, bearings and other components where resistance to abrasion or corrosion and temperature is necessary.

Item Code 95014K Kit Contents 1 kg



HIGH TEMP AR (Abrasion Resistant) BRUSH ON Thixotropic liquid that can be easily applied by brush to equipment to provide protection against abrasion, corrosion and chemical attack at extremely high operating temperatures. Suitable for the lining of pumps, shafts, fans, in reaction tanks and on agitator assemblies.

Item Code 95015K Kit Contents 1 kg



EMERGENCY REPAIR EPOXIES



FAST STEEL PUTTY Fast curing steel putty that enables emergency repairs to be carried out with minimal down time. Cures at very low temperature to a tough inert material that can be machined, drilled or tapped. Repair production critical equipment such as valves, tanks, pipes and other components quickly to minimise downtime in plant and processing applications.

Item Code 95030K Kit Contents 1 kg



WET OR DRY PUTTY Repair putty suitable for use in patching or repairing surfaces subjected to excessive dampness or in underwater situations as well as those in dry conditions, even at very low temperatures. Use to repair marine and process equipment such as shafts, valves, tanks, pipes and other components that cannot be otherwise dried minimising downtime inconvenience.

Item Code 95031K Kit Contents 1 kg



FASTPATCH Fibre reinforced, fast curing repair putty suitable for patching gaps and repairing holes that are difficult to bridge. Contains special high strength fibres to resist pressure, impact and other harsh service conditions. Cures at very low temperatures to a tough inert repair. Use to repair marine and process equipment such as pumps, valves, tanks, pipes and other components.

Item Code 95032K Kit Contents 0.75 kg

FAST NEWMETAL Extremely fast curing repair epoxy putty that contains ceramic particles to provide exceptional life to equipment exposed to erosion, cavitation, corrosion and chemical attack. Especially suited for use in emergency repair applications or at very low application temperatures. Quickly and effectively repair or rebuild pumps, impellers, liners, valves and other components.

Item Code 95033K Kit Contents 1 kg

PROLONG ACCESSORIES

CLEANUP A unique product, produced to provide a safe means of rinsing out tools and equipment that have been used for the preparation and application of Prolong products. CLEANUP contains no petroleum solvents, flammable materials or hazardous volatile components.

Use CLEANUP for Trowels, Brushes and Spills

CLEANUP should be used prior to products curing.

Item Code 95091K Kit Contents 500 ml

HAND CLEANER A safe, water based hand cleaner designed to provide a safe and effective means of cleaning up after use of Prolong products. HAND CLEANER is mild on hands and contains no petroleum solvents or harmful or hazardous materials. Use to clean away all Prolong products, grease and oil, Dirt and grime.

Item Code 95092K Kit Contents 0.5 kg



METAL REPAIR EPOXIES



STEEL LIQUID Pourable steel epoxy liquid that can be used in casting, filling or levelling applications, and machined, drilled or tapped later if required. Use to fill voids and holes in steel liners and castings, produce high quality fittings and fixtures where accuracy is paramount, reform damaged steel components requiring reprocessing or relevel machinery.

Item Code 95051K Kit Contents 1 kg

ALUMINIUM PUTTY Aluminium filled epoxy putty developed for use on aluminium castings and equipment. Cures to a non rusting tough inert material that can be easily machined, drilled or tapped. Repair, rebuild or reface aluminium castings and housings including valves, pipes and other components. Surface repair scoured or abraded surfaces.

Item Code 95052K Kit Contents 1 kg



ALUMINIUM LIQUID Pourable aluminium filled liquid epoxy for casting, filling duties or in the repair of aluminium castings and equipment. Non rusting and easy to machine, drill or tap. Use to fill voids and holes in aluminium liners and castings, produce high quality fittings and fixtures or to reform damaged aluminium components.

Item Code 95053K Kit Contents 1 kg

STAINLESS STEEL PUTTY Stainless steel filled epoxy putty for repairing stainless steel parts and components in food and chemical processing applications. Cures to a non rusting tough inert material that is easy to machine, drill or tap to any required tolerances. Repair, rebuild or reface processing equipment, housings and machinery components including valves and pipes.

Item Code 95054K Kit Contents 1 kg



BRONZE PUTTY Bronze filled epoxy putty for patching, filling and repairing castings, components and equipment made out of bronze or similar alloys. Can be easily machined, drilled or tapped. Repair, rebuild or patch shafts, bushings and cast components. Scoured or abraded surfaces can be quickly surface repaired.

Item Code 95055K Kit Contents 1 kg

HIGH GRADE METAL PUTTY Premium grade epoxy putty designed for high performance, precision critical applications, demanding superior strength and chemical resistance. Cures to a tough inert material that can be easily machined, drilled or tapped. Ideal to repair production critical equipment and components such as keyways, shafts and bearing faces.

Item Code 95056K Kit Contents 1 kg

STEEL PUTTY Steel epoxy putty for multipurpose repair and maintenance applications on almost any surface. Easily machined, drilled or tapped to the required tolerances. Repair and rebuild production equipment such as pumps, valves, tanks, shafts and other general purpose fittings and components, quickly and easily.

Item Code 95057K Kit Contents 1 kg





SR POLYURETHANES



SYNTHETIC RUBBER PUTTY Liquid polyurethane that becomes a smooth trowellable paste upon mixing. Cures to a tough, flexible rubber that exhibits excellent wear and abrasion resistance. Suitable for use in lining and protecting equipment such as chutes, pumps, agitator blades, screens, and in the repair of existing rubber linings for abrasion resistance or noise abatement services.

Item Code 95070K Net Contents 1 kg



SYNTHETIC RUBBER LIQUID Liquid polyurethane casting compound that cures to a tough flexible rubber exhibiting excellent tooling properties. Extremely wear and abrasion resistant. Repair or manufacture rubber linings, abrasion resistant linings, moulds and resilient fixtures, noise abatement linings or flexible mountings and blocks.

Item Code 95071K Net Contents 0.75 kg



SYNTHETIC RUBBER BRUSH ON High performance liquid polyurethane used where application by brush is preferred. Once cured, it exhibits excellent resistance to impact and wear in many lining, repair and treatment applications. Very versatile material for protecting and extending the life of equipment such as fans and housings, chutes and hoppers, and pipe work in many plant and processing facilities.

Item Code 95072K Net Contents 0.75 kg

HP SYNTHETIC RUBBER PUTTY High performance, fast curing trowellable polyurethane which possesses outstanding strength characteristics. Offers unequalled durability in many lining and treatment applications, provides superior resistance to abrasion and wear. Use in heavy duty applications or when a quick repair with minimal downtime is required. Ideal for use in relining and protecting chutes, pumps, trommel shells and screens.

Item Code 95073K Net Contents 1 kg

SR ACCESSORIES

UNIVERSAL PRIMER A high strength adhesive for use with SR polyurethane products as an aid to adhesion. UNIVERSAL PRIMER is a solution of polymers developed through extensive evaluation and has shown to be very effective in promoting a strong bond between SR products and most substrates.

TYPICALLY USED ON:

Metal surfaces, Fibreglass, Concrete, Rubber, Wood, Plastic, Polyurethane

Item Code 95075K Net Contents 240 ml

SR FLEXIBILIZER A polyurethane plasticiser designed to be used specifically with SR PUTTY and SR LIQUID to reduce their hardness and produce a softer material. SR FLEXIBILIZER becomes an integral part of the product by flexibilizing the polymer backbone, decreasing the durometer hardness, providing greater elasticity and flexibility.

TYPICALLY USED TO:

Increase shock resistance, Decrease rebound properties, Improve vibrational dampening, Increase flexibility

Item Code 95076K Net Contents 500 ml



Reduced downtime
Savings on plant & equipment
Lower operating costs
Easy maintenance
Greater productivity

“Prolong engineered polymer products enable these goals and efficiencies to be realised”

Over 25 years of exacting work with engineers, maintenance supervisors and end users has resulted in achieving the highest standards of product performance available.

All the Prolong products are grouped into classes using a unique **Colour Coded Identification System** to enable effective reference to the type of service being considered, eliminating specifier and user confusion.

Prolong technical information, and the users notes supplied with each kit, addressing the issues of working with chemicals by incorporating “**Material Safety Data**”. Every care has been taken in developing products that are extremely user safety concious.

Application and mixing tools provided with each kit make the job even easier.

The Prolong products are versatile, durable in service, easy to use, and provide maintenance free production longer. Only one decision remains - Which Prolong product is the right one for your application?

ABRASION RESISTANT EPOXIES

Hard wearing range of advanced, ceramic filled products, for rebuilding, repairing or treating equipment exposed to very severe abrasive and corrosive conditions.

- Ceramic Brush On** - Chemical resistant brushable ceramic lining
- Ceramic Rebuild Putty** - General purpose wear resistant putty
- Abrasion Resistant Putty** - Fine grade ceramic putty
- HD Ceramic Putty** - Impact resistant ceramic putty
- High Temp AR Putty** - High service temperature ceramic putty
- High Temp AR Brush On** - High service temperature, brushable ceramic

EMERGENCY REPAIR EPOXIES

Versatile products for effective treatment or repair of equipment when time is restricted or conditions less than ideal.

- Fast Steel Putty** - Rapid cure metal repair putty
- Wet or Dry Putty** - Multipurpose adhesive putty
- Fastpatch** - Rapid cure reinforced patching adhesive
- Fast Newmetal** - Rapid cure ceramic filled repair putty

PROLONG ACCESSORIES

Products to make cleaning up safe and easy.

- Cleanup** - Safe cleaning for all tools and equipment.
- Hand Cleaner** - Mild on hands but effective on soilage

METAL REPAIR EPOXIES

Extremely durable products for use in many different repair, and tooling applications, they can be machined using conventional metal working and engineering tools.

- Steel Liquid** - Steel/ferrous metal castable liquid
- Aluminium Putty** - Aluminium repair putty
- Aluminium Liquid** - Aluminium castable liquid
- Stainless Steel Putty** - Stainless steel repair putty
- Bronze Putty** - Bronze/copper alloy repair putty
- High Grade Metal Putty** - Highly engineered precision repair putty
- Steel Putty** - Steel/ferrous metal repair putty

SR POLYURETHANES

Tough, flexible products to make fixtures or provide a wide variety of equipment with a durable, highly resilient coating to counter impact, vibration, abrasion and in noise attenuation duties.

- Synthetic Rubber Putty** - Trowellable rubber repair and lining putty
- Synthetic Rubber Liquid** - Castable rubber repair and lining liquid
- Synthetic Rubber Brush On** - High performance brushable rubber lining
- HP Synthetic Rubber Putty** - Trowellable putty for high wear and impact
- Universal Primer** - Adhesion promoter for all SR products
- SR Flexibilizer** - Additive to reduce SR hardness

PROLONG PRODUCTS ARE MANUFACTURED BY PEERLESS INDUSTRIAL SYSTEMS PTY LTD
 73 Robinson Ave, Belmont, Western Australia, 6104. Telephone: (61) (08) 9477 3788 Facsimile: (61) (08) 9477 3766