

# Maintenance Repair Operation (MRO) Products



## Metal Repair Compounds

### Tuff Metal® Superior Metal

This two component 100% epoxy system having outstanding compressive strength is ideal solution for reclaiming or rebuilding surfaces requiring precision repairs. Surfaces which are subjected to critical wear factors can easily be repaired by this non rusting epoxy compound. This completely machinable mass is resistant to many chemicals, oil, gases and water and brings back the component in service in few hours.

#### Applications :

- Rebuilding of shafts, bearing housing, threaded parts
- Repairs of engine blocks, gears, pump casings
- Reclaiming surfaces requiring precision finish

### Tuff Metal® Steel Putty

The workhorse of the cold welding products, this steel filled putty is recommended for making cost saving repairs on metal parts all over the plant. It is applied without special tools, heat or pressure. It bonds to metals, concrete, and wood. It can be machined, drilled, tapped with conventional metal working tools. This offers excellent resistance to oil, gases and many chemicals.

#### Applications:

- Sealing cracked in castings, tanks, vessels and valves
- Patching defects in steel parts
- Repairs/reclamation of metal parts.
- Filling cavity areas

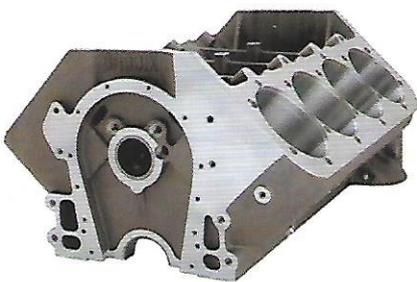


### Tuff Metal® Steel Liquid

Tuff Metal® Steel Liquid is a two part pourable epoxy system heavily reinforced with steel powder for casting parts or filling voids in hard to reach areas. Once hardened it can be machined, drilled, tapped or filed just like steel.

#### Applications :

- Filling/ leveling equipment
- Casting molds, parts and fixtures
- Pouring around loose anchor bolts
- Making metal forming dies



### Tuff Metal® Aluminium Putty / Liquid

These are aluminium filled epoxy systems to rebuild and repair aluminium equipments, parts and castings. They have excellent bonding and non-rusting characteristics and can be machine, drilled and tapped. A liquid form is used to fill up castings into hard to reach areas.

#### Applications :

- Sealing cracked aluminium castings
- Patching defects in aluminium parts
- General repairs or reclamation of aluminium parts
- Filling cavity areas of aluminium castings



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## Rubber Repair Products

### Flex 80 Putty / Liquid

This specially designed, 100% trowelable, tear resistant urethane compounds are used to repair equipment exposed to impact, abrasion, vibration, expansion and contraction.

These compounds cure to tough, medium hard rubber. Due to high elongation properties with excellent adhesion strength, it is ideal for repairing of rubber and urethane surfaces which are subjected to corrosion, wear and impact. Primers are recommended for maximum adhesion with steel and rubber.

#### Applications :

- Conveyor belt repairs
- Rubber liners, rubber roller repairs
- Pipe elbows
- Pump liners
- Vibratory feeder bowls

## Leakage Arresting Products

### Tuff Metal® Fast Cure Steel Putty

Fast Cure Steel Putty is steel reinforced, two part 100% epoxy system that sets within 4 minutes and cures within 10 minutes. It is applied without special tools, heat or pressure and can be machined, drilled, tapped with conventional metal working tools. This product offers excellent resistance to oil and gases and bonds to metals, concrete and wood.

#### Applications :

- Arresting online oil leakages from gear boxes/transformers
- Arresting gas leakages from pipelines/ gas holders
- Emergency repairs such as gas, air, water, oil leakages from turbine, pipes, tanks



## High Performance Backing Compound

High Performance Backing Compound is a non-shrinking, 100% solids epoxy designed for backing wear plates in large gyratory crushers and 7 feet cone crushers. It has outstanding compressive strength and impact resistance.

## Backing & Crusher Compound

Backing & Crusher Compound is a 100% solids two component epoxy system designed with excellent shock absorbing and tough flexible properties for cone crushers.

## Locking Compound

Locking Compound is a 100% solids polymer compound, high temperature and high impact system for locking inner and outer eccentric bushing on cone crushers.