

## HEAT DISSIPATING COMPOUND



- Protects from heat during build-up.
- Absorbs & dissipates heat.
- Non-toxic – Free from Lead, Mercury & Cadmium.
- Will not stain applied surface.

### SPECIAL BENEFITS

- **MF 900** Insulating Compound overcomes the age-old problem of heat damage caused by welding
- **MF 900** dams the heat flow from weld zone – Heat Block
- **MF 900** absorbs heat to insulate, isolate and dissipate it during welding and many other heat-related purposes.
- **MF 900** is the only jiggging and fixturing compound of its kind
- **MF 900** is ideal to hold or position difficult to align parts
- **MF 900** is a welcome solution to jigging applications
- **MF 900** is easy to mold
- **MF 900** is non-toxic -free of lead, sulfur, zinc, cadmium, mercury and halogens
- **MF 900** can be used safely on all surfaces with no stain



# MF 900

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## OUTSTANDING PROPERTIES:

- Eliminates need for disassembly of item to be repaired - saves time and money
  - Ideal productivity improvement technique by eliminating disassembly
  - Has no unpleasant odor or irritating and obnoxious fumes
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## APPLICATIONS

- **MF 900** gives absolute protection from flame, heat and temperature build-up and thereby prevent warping, stress distortion, crystallization, tempering or collapse due to heat retention.
  - **MF 900** compound can be used safely on all metals, glass, cables, rubber, coated & painted finishes, timber surfaces, plastic insulations, chrome parts and fabric.
  - **MF 900** layer applied on a thin gauge metals, electrical wiring, soldered joints or human skin prevents heat damage during welding.
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## DUAL PURPOSE HEAT RESISTANT MATERIAL FOR INSULATING AND POSITIONING PARTS FOR WELDING

- **MF 900** for the purpose of jiggging /fixturing and protecting against heat.
  - **MF 900** Withstands temperatures to 3000°F (1650°C).
  - **MF 900** Does not contain any toxic elements including asbestos.
  - **MF 900** Can be reconstituted with water for reuse.
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## GENERAL CHARACTERISTICS

An easy to mold dual purpose compound that is used as a heat dam and insulator to protect metal and other material from the effects of heat. The dough like consistency of **MF 900** makes it easy to mold around intricate parts. It will adhere to most surfaces making it ideal for use as a jiggging fixture or insulator for parts to be welded. **MF 900** will not distort or shrink when heated.

**MF 900 – HEAT DISSIPATING  
COMPOUND**



# MF 900

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## RECOMMENDED FOR:

As a heat sink to absorb heat and avoid surface discoloration on heat sensitive parts. It can be used as a heat dam to prevent heat from traveling to areas that can be damaged by heat, such as O-rings, packing glands, glass and paint.

**MF 900** is ideal to hold or position difficult to align parts. **MF 900** will keep distortion down when welding on light gauge metals such as stainless steel.

## APPLICATION PROCEDURES

Position each of the parts to be joined in a mound of **MF 900** large enough to support its weight. Adjust the alignment as necessary before welding. If parts need to be protected from heat, cover that area with a thin layer of **MF 900**. For higher temperature applications or where heat is applied for a prolonged time, use a thicker coating. **MF 900** can also be used to protect non-metallic parts adjacent to the weld area. If moisture would be harmful to the protected area, a piece of plastic wrap should be applied first.

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