MW-50 Paste is a water-based, fiber-strengthened paste based on Alpha Silicon Carbide (SiC). MW-50 can be brushed or troweled to form thick-stucco-like, abrasion-resistant shell that protects graphite and is also non-reactive to molten nonferrous metals. MW-50 is also ideal for soft ceramic bodies, pulp-molded pieces and for repairing heavily-eroded graphite parts.

**Key Attributes**
- Extends Lifetime & Reduces Maintenance
- Provides a Hard, Abrasion-Resistant Layer
- Repairs Graphite Parts to “Original”
- Stops Further Oxidation, Wear, and Erosion of Graphite
- Provides Tough “Shell” for Soft Ceramic Bodies such as Pulp-Molded Pieces
- Withstands Cyclic Use
- Water-based, Ready-to-use

**Ideal Use**
- Repairing Badly Eroded Graphite Components
- Protecting Components from Further Oxidation, or Degradation
- For Use on Rotors, Stators, Molds, Trays
- For a Tough, Abrasion-Resistant Surface Sealant

**Use Notes**
1. DO NOT DILUTE.
2. For thin layers, apply by brush and allow to dry for several hours <60 C (<140 F) before placing into use.
3. For thick layers, apply by brushing, troweling, or spatulating into place. Allow to thoroughly dry below 60 C (<140 F). Thick layers require extended drying time. Place into use only after the paste has thoroughly dried throughout its thickness.
4. Hardens after thoroughly drying by heating to 300 C (572 F) or above for 30 minutes or more.

**Specifications**
- **Active Ingredient**: Alpha Silicon Carbide with Ceramic Fibers
- **Max Use Temperature**: 1832 F/ 1000 C
- **Use Atmosphere**: Air [others also OK]
- **Fired Composition**: SiC + Ceramic Fibers + Proprietary Binders
- **Liquid Carrier**: Water
- **Brookfield Viscosity (cps)**: Not determined
- **Specific Gravity**: Not determined
- **Color**: Gray
- **Shelf Life (months)**: >12
- **Coverage (ft2/gal)**: 50-200
- **Coating pH**: 2-3
- **H F R Ratings**: 1-1-0

**Sizes and Colors**
- **Coverguard**: Gray colored paste.
- **Standard Size**: wide-mouth 1 gallon pail.

**Safety Information**
- Consult SDS before use.
- For Industrial use only.

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