

**NuKoat 53 MF: Iron Phosphate, Prepaint treatment primarily for steel, and capable of conditioning galvanized steel, zinc and aluminum surfaces. A low temperature spray that provides a one-step, cleaning & conversion coating product that is Moly and HF free.**

### Applications:

NuKoat 53 MF is a highly versatile liquid capable of **cleaning and iron phosphating in one easy step**. NuKoat 53 MF provides a superior foundation for painting providing excellent corrosion resistance and paint adhesion in both 3 and 5 stage systems. Applied by either spray or immersion NuKoat 53 MF provides superior corrosion-resistant coating on steel without the use of molybdate or fluoride. NuKoat 53 MF is also applicable as a non-coating prepaint treatment for galvanized steel zinc, and aluminum surfaces.

NuKoat 53 MF meets Federal Specifications as follows: TT-C-490, Type II

- Thin amorphous structure
- Good corrosion resistance under paint
- Low equipment expenditures
- Excellent surface for paint adhesion, power coat or spray coatings
- Coating weight: 25 to 50 mg./sq. ft.
- Low heating requirements
- Low chemical costs
- Easiest to control

### Typical Usage Parameters:

	NuKoat 53 MF
Description	Multi-metal Spray & Immersion
Concentration Range	1-5%
Operating temperatures	100 up to 140°F
Time (min)	As required 30-180 seconds
Multi-metals metals	•

### Physical Properties:

	NuKoat 53 MF
pH, concentrate	3.5
pH, @ 5% bv	4.1
Bulk density, #/gal	9.4
VOC	0 g/L
Flash point	None
Chelates	None
Solubility in water	Complete
Biodegradable	Yes
Silicated	No

**Availability:** Available in 5, 55 and 275-gallon containers. Bulk tank shipments also available.

**Shipment:** Freight classification: "Iron Rust Removing or Preventing Compound, NOBIN – Liquid."

**Storage:** Keep from freezing. Store between 40-120°F.

**Disposal:** Dispose of in accordance with local, state, and federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: [info@nugentec.com](mailto:info@nugentec.com).