

NuKoat 33 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 33 MF is a highly versatile liquid capable of **cleaning and iron phosphating in one easy step**. NuKoat 33 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 33 MF provides superior corrosion-resistant coating on steel without the use of molybdate or fluoride. NuKoat 33 MF is also applicable as a non-coating prepaint treatment for galvanized steel zinc, and aluminum surfaces.

NuKoat 33 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: 30 to 90 mg./sq. ft.
- Low heating requirements
- Low chemical costs
- Easiest to control

Typical Usage Parameters:

| | NuKoat 33 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 33 MF |
|---------------------|--------------|
| pH, concentrate | 3.2 |
| pH, @ 5% bv | 4.0 |
| Bulk density, #/gal | 9.5 |
| 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.