

Conversion Coatings: Iron Phosphate, NuKoat PS 77MM Pre-paint conversion coatings for Aluminum, Iron & Steel

Applications:

NuKoat products are designed to **clean and iron phosphate in one easy step**. NuKoat provides a superior foundation for painting providing excellent corrosion resistance. NuGeneration Technologies' NuKoat line of Iron Phosphates is highly effective, cost efficient, and easy to use.

- 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 PS 77MM |
|------------------------|--------------------------------------|
| Description | Aluminum & Ferrous Spray & Immersion |
| Concentration Range | ½ - 2% Spray 3-10% Immersion |
| Operating temperatures | 70 up to 210°F |
| Time (min) | As required 30-300 seconds |
| Ferrous metals | • |
| Aluminum | • |

Physical Properties:

| | NuKoat PS 77MM |
|---------------------|----------------|
| pH, concentrate | 2.5 |
| pH, @ 5% bv | 2.8 |
| Bulk density, #/gal | 9.6 |
| VOC | 0 g/L |
| Flash point | None |
| Chelates | None |
| Solubility in water | Complete |
| Biodegradable | Yes |
| Silicated | No |
| Moly Based | YES |

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.

Custom Formulation: NuGenTec specializes in formulating specifically for your process.