

NuKoat® IPO

Technical Data Sheet

Protective Oil - Water Displacing Rust Preventative

Description:

NuKoat® IPO is a water displacing rust preventative, it is a non-emulsifiable, non-staining product applied to ferrous and non-ferrous metals. It protects machined metal parts between operations, finished metal parts, castings, and tools in storage. It is also used in protecting process equipment during seasonal shutdowns. Formulated to meet Military Specification MIL-C-16173D.

NuKoat IPO is primarily used for indoor protection. Under test conditions of 95% + 2% relative humidity at 49°C (120°F), the protective oil film provides 30-60 days protection on polished steel or sandblasted panels.



Application:

NuKoat IPO can be applied by immersion, non-atomizing spray, or brushing. NuKoat IPO is normally used full strength. For reduced protection, it can be diluted with mineral spirits, kerosene up to 50% by volume. NuKoat IPO can be easily removed with an alkaline cleaner like NuGenTec AquaKlean SC-HD or CitraKlean Clear.

Product Benefits

- Meets MIL-C-16173D
- Water displacing
- Low odor
- Non-flammable (Combustible)

Physical Properties



Typical Usage Parameters:

| | |
|------------------------|---------------------------|
| Description | Rust preventative coating |
| Concentration Range | 100% |
| Operating Temperatures | Ambient |
| Time (Seconds) | 5-30 |
| Ferrous metals | YES |
| VOC (Concentrate) | 603 g/L |

Physical Properties:

| | |
|-----------------------|------------------|
| pH, Concentrate | n/a |
| Bulk Density, lbs/gal | 6.7 |
| Viscosity, CPS | 50 |
| Flash point (pmcc) | 140°F (Minimum) |
| Film type | Dry/tacky |
| Solubility in water | Water displacing |
| Coverage | 800 sq ft/gal |
| Dry time (curetime) | 3hrs (24hrs) |

Availability: 5, 55, 275-gallon. Also in bulk tankers.

Shipment: DOT – Non-Regulated Material, Liquid

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40 ° F - 100 ° 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.

Regulatory: This product is classified and labeled according to the Globally Harmonized System (GHS).

EMERGENCY OVERVIEW:

Combustible liquid. Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Toxic to aquatic life.

SAFETY:

Please make sure you have read and understand the product label and SDS before using this product. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.

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