

# DuPont™ Teflon®

## INDUSTRIAL COATINGS

Fact Sheet – Provisional

### 2-Coat System



#### Property Data

Product Code	Primer 953N-506	Topcoat 953N-401
<b>Properties<sup>1</sup></b>		
Color	Dark Violet	Pewter
Coverage, <sup>2</sup> ft <sup>2</sup> /gal (m <sup>2</sup> /kg)	292.8 (5.38)	494.4 (9.08)
Viscosity, <sup>3</sup> centipoises	50–250	250–450
Volume Solids, %	18.9	30.9
Weight Solids, %	32.9	48.8
Density, lbs/gal (kg/l)	10.17 (1.22)	11.57 (1.39)
Maximum In-Use Temperature, °F (°C)	400 (205)	400 (205)
Shipping Class	+200L	+140L
Food Contact Compliance	Yes	Yes

<sup>1</sup> Physical constants are averages only and are not to be used as product specifications. They may vary up to 5% of the values shown.

<sup>2</sup> Theoretical coverage at dry film thickness of 1.0 mils (25 μ) based on 100% application efficiency. It does not take normal production losses into account.

<sup>3</sup> Brookfield spindle 2 at 20 rpm at 25°C.

#### Application Method – Spray On

Substrate	Aluminum, steel.
Surface Preparation	Degrease and light grit blast (2 – 4 μ Ra).
Filtration	100 mesh (approximately 150 μ) stainless steel or nylon.
Product DFT	1.0–1.2 mils (25.2–30.5 μ)
Primer	0.3–0.4 mils (7.6–10.2 μ)
Topcoat	0.7–0.8 mils (17.6–20.3 μ)
Drying	Force dry primer for 3 minutes at 150°F (65°C) or above.
Curing (metal temperature)	Five to ten minutes at 644–689°F (340–365°C).
Clean-up	Water
Thinner/Additive	Water (if needed)



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## Handling and Storage

- Gently roll for 30 minutes at 30 rpm before use.
- Store at room temperature 64–80°F (18–27°C).
- Water-based product, protect from freezing.

For detailed information on Health & Safety refer to Material Safety Data Sheet and “Guide to the Safe Handling of Fluoropolymer Resins” from The Society of the Plastics Industry, Inc.

## Food Contact

This coating system is designed to be used in direct contact with food. Applied according to the above application method and instructions, the fully cured coating will comply with US FDA and national legislations of the European countries, having specific regulations for this category of coatings (non-stick, high-temperature resistant).

In Europe, in the case of incomplete compliance in one country, the product can, on the basis of its full compliance in at least one Member State of the European Union, be used for direct food contact in all Member States according to the Article 28-30 (ex Article 30–36) of the Treaty of Rome as amended.

Compositional statements, referring to relevant national legislation, are available on request.

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**For more information on DuPont™ Teflon® coatings:**  
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CAUTION: Do not use in medical applications involving permanent implantation in the human body or contact with internal body fluids or tissues. For other medical applications, see “DuPont Medical Caution Statement,” H-50102.

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