

# DuPont™ Vydax® NRT 960 Dry Film Lubricant

## Description

Vydax® NRT 960 is a translucent dry film coating that exhibits unique lubrication and anti-stick properties. The coating is clean, non-oily, nonstaining, chemically inert, and can function in continuous use in temperatures up to 200°C (392°F). This product is non-flammable, CFC<sup>i</sup> and HCFC<sup>ii</sup>-free. Vydax® NRT 960 is oxygen safe and LOX<sup>iii</sup> compatible, as determined per ASTM G86.

Components are not classified as, or are exempted from classification as, volatile organic compounds (VOC) by the US EPA.

## Typical uses

Vydax® NRT 960 coating has unique properties making it an excellent coating for ambient to moderate temperature dry film lubrication and anti-stick applications. The tenacious coating provides long lasting dry film lubrication for extended wear life where smooth repeated movement is essential. Specific uses include:

- Oxygen service components, such as valves and seals
- Lubrication of plastics, elastomers and metal surfaces for assembly and run-in
- Precision electrical, vacuum and aviation equipment, such as switches, connectors, wire assemblies

Vydax® NRT 960 is designed for use with oxygen systems and is also recommended for general use. In systems with other reactive gases, use only DuPont™ Krytox® NRT oils and greases.

## Directions for application

Apply Vydax® NRT 960 to clean, dry surfaces.

- A. Spray at a distance of approximately 6 inches from the surface.
- B. Allow 1 to 3 minutes drying time so product will dry to a smooth, slick finish.
- C. An additional light coating may be needed for difficult areas.
- D. For heavier application, intricate parts, or poorly ventilated environments, allow a longer drying time as necessary to yield a smooth, slick finish.

<sup>i</sup> CFC= chlorofluorocarbon

<sup>ii</sup> HCFC=hydro chlorofluorocarbon

<sup>iii</sup> LOX=liquid oxygen



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## Handling and Storage

Adequate ventilation must be provided in work areas where Vydax® NRT 960 coating is applied. Breathing of mist or vapors should be avoided. Where appropriate, wear charcoal filter mask or respirator, gloves, safety glasses, and impervious clothing and boots when mixing, spraying, and performing cleanup. Contact with eyes, skin and clothing should be avoided. Always wash hands after handling product.

**Refer to MSDS before using product**

## Coating Removal

Abrasive pads and cleaning solvents or high pH detergent is recommended for cleaning and removal.

## Shipping Information

DOT/IATA  
Proper Shipping Name: Aerosols, Non-flammable  
Hazard Class: 2.2  
UN Number: 1950  
Packing Group: N/A  
Label: Non-flammable gas

## Physical and Chemical Properties

Boiling Point: 55°C (131°F)  
Form: Aerosol  
Color: Translucent, White  
Specific Gravity: 1.5-1.6 g/cc

**For more information or technical assistance,  
call (800) 424-7502 or visit us on the Web at  
[www.lubricants.dupont.com](http://www.lubricants.dupont.com)**

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### For more information or technical assistance, call: (800) 424-7502

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