

# DuPont™ Krytox®

## PERFORMANCE LUBRICANTS

### SOLVENTS FOR KRYTOX®

Several fluids have been tested as replacements for Freon® 113 for cleaning Krytox®. They are listed below, along with a contact for purchasing them. No effort has been made to rank cleaning abilities. Also listed are exposure limits and know hazards.

Because of the high costs for these solvents, it is generally a good practice to try to minimize the amount of solvent used.

Mechanical agitation and heating increases the cleaning efficiency. Use of an ultrasonic cleaner will speed removal of grease trapped in recesses of bearings. Removal of grease by wiping with a rag prior to solvent cleaning will reduce the amount of solvent needed. The solvent can be distilled and reclaimed for reuse if desired.

#### **Vertrel® XF/HFC-43-10 (CF<sub>3</sub>CHFCF<sub>2</sub>CF<sub>3</sub>)**

Zero ozone depletion potential

Low greenhouse effect

Boiling point 55°C (131°F)

Exposure limits—AEL 200 ppm

Source: DuPont (800) 937-2494 (Diane Fisher)

Micro Care (800) 638-0125

Miller Stephenson (800) 992-2424

#### **PF-5060 (C<sub>6</sub>F<sub>14</sub>)**

Zero ozone depletion potential

High greenhouse potential

Boiling point 56°C (133°F)

Exposure limits—None established

Use adequate ventilation

Source: 3M Industrial Chemicals (800) 541-6752

Technical Marketing Co. (800) 255-5789

#### **HFE-7100**

Zero ozone depletion potential

Boiling point 61°C (142°F)

Exposure limits—750 ppm

Source: 3M Industrial Chemicals (800) 541-6752

#### **PFPE Solvent**

Zero ozone depletion potential

Boiling point 61°C (142°F)

Exposure limits—750 ppm

Source: DuPont Performance Lubricants (800) 424-7502

#### **HC Cleaner**

Mixed solvent for cleaning Krytox® and hydrocarbons.

Boiling point 32°C (90°F). Flammable; LEL 7.1%, UEL 15.1%,

Flash Point None

Exposure limits—500 ppm

Source: DuPont Performance Lubricants (800) 424-7502

#### **HC Plus Cleaner**

Mixed solvent for cleaning Krytox® and hydrocarbons.

Boiling point 38°C (100°F). Flammable; LEL 6%, UEL 11%,

Flash Point None

Exposure limits—200 ppm

Source: DuPont Performance Lubricants (800) 424-7502

#### **Loctite Krytox® RFE Cleaner**

Mixed solvent

Flammable; LEL 1.2%, UEL 7.7%

Source: Loctite (800) 243-4874



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# DuPont™ Krytox® Performance Lubricants

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

**United States** (800) 424-7502

E-mail: [krytox@usa.dupont.com](mailto:krytox@usa.dupont.com)

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886-2-2514-4434

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E-mail: [produtos.brasil@bra.dupont.com](mailto:produtos.brasil@bra.dupont.com)

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