

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 (CF₃CHFCHFCF₂CF₃)

Zero ozone depletion potential

Low greenhouse effect

Boiling point 55°C (131°F)

Exposure limits—AEL 200 ppm, 8- and 12-hr TWA

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

Micro Care (800) 638-0125

Miller Stephenson (800) 992-2424

PF-5060 (C₆F₁₄)

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 60°C (140°F)

Exposure limits—750 ppm

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

PFPE Solvent

Zero ozone depletion potential

Boiling point 55°C (131°F)

Exposure limits—200 ppm, 8- and 12-hr TWA

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, 8- and 12-hr TWA

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, 8- and 12-hr TWA

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



The miracles of science™

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

Canada 800-263-5924
E-mail: products@can.dupont.com

Europe, Mideast, and Africa +41.22.717.5086
E-mail: lubricants@lux.dupont.com

Asia/Pacific—Including India—
886-2-2514-4434
E-mail: krytox.lubricants@twn.dupont.com

Mexico and Central America
+011-52-55-5722-1150
E-mail: ceac@mex.dupont.com

South America—All Countries—
55-11-4166-8601
E-mail: produtos.brasil@bra.dupont.com

www.krytox.com

Copyright © 2007 DuPont. The DuPont Oval Logo, DuPont™, The miracles of science™ and Krytox® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company or its affiliates. All rights reserved.
H-58520-3 (3/07) Printed in the U.S.A.

The information set forth herein is furnished free of charge and based on technical data that DuPont believes to be reliable. It is intended for use by persons having technical skill, at their own risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.



The miracles of science™