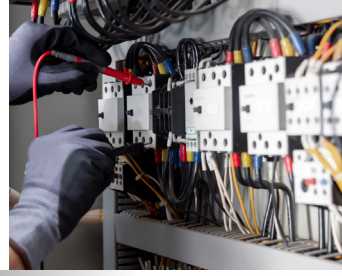
CHESTERTON
Global Solutions, Local Service.

279 PCS





PRODUCT DATA SHEET

APPLICATION AREAS

- *Electronic Equipment*
- *Electrical Instrumentation and Switches*
- *Controllers/Control Panels*
- *Panel Meters*
- *Circuit Boards*



KEY FEATURES AND BENEFITS

- Non-flammable
- Fast evaporation rate
- Low residue
- High dielectric strength
- NSF K2 registration number 134012
- No VOC's/ozone depleting materials
- Removes fluorinated lubricants
- Safe for plastics
- Non-corrosive

PACKAGING

Aerosol

DIRECTIONS

Apply the product directly to the surface to be cleaned. Wipe the part/equipment with a absorbent wipe or allow the part/equipment to air dry.

DESCRIPTION

Chesterton® 279 PCS is a state of the art, precision cleaning solvent designed specifically to replace CFC-113, HCFC -141b and other ozone-depleting materials.

It is a highly effective non-corrosive, nonflammable solvent cleaner which can be used on energized and non-energized electrical and electronic equipment for removal of grease, oils, flux, dirt and dust.

This non-ozone depleting solvent system utilizes new HFE technology to quickly remove light oils, particulates, fluorolubricants like Krytox® Grease*, fluoropolymers and other contaminants. Chesterton 279 PCS is specifically engineered to restore and improve electrical continuity on energized equipment.

Physical Properties	Chesterton 279	CFC-113	HCFC-141b	HCFC-25ca/cb	HFC-4310
Molecular Wt	200	187	117	203	252
Boiling Pt °C	56	48	32	54	54
Freeze Pt °C	-94	-35	-103	-131	-80
Flash Point	None	None	None	None	None
Flammability Range in Air	None	None	7.1–18.6[1]	None	None
Liquid Density[2]	1.49	1.56	1.23	1.55	1.58
Surface Tension[3]	16	17.3	19.3	16.2	14.1
Solubility in Water[4]	<20	170	210	330	140

1 Vol % by ASTM E681-94 @100C 2 g/ml @25C 3 dynes/cm @25C 4 ppm by weight

Enviromental Properties	Chesterton 279	CFC-113	HCFC-141b	HCFC-25ca/cb	HFC-4310
Ozone Depleting Potential1 - ODP	0.00	0.80	0.10	0.03	0.00
Global Warming Potential2 - GWP	807	5000	630	170/530	1300
Atmospheric Lifetime - ALT (years)	8.39	85.0	9.4	2.5 – 2.6	17.1

1 CFC-11=1.0 2 GWP - 100 year Integration Time Horizon (ITH) Note: HCFC-225 ca/cb ratio is 45/55

Chesterton 279 Materials Compatibility

Metals	Plastics	Elastomers
Aluminum	Acrylic	Natural Rubber
Copper	Polyethylene	Nitrile Rubber
Carbon Steel	Polypropylene	EPDM
302 Stainless Steel	Polycarbonate	Silicone Rubber
Brass	Polyester	
Molybdenum	Epoxy	
Tantalum	PMMA	
Tungsten	PET	
Mg Alloy AZ32B	ABS	
	PTFE	

Compatible after 24 hr exposure at 22C.
Exceptions: some swelling of Natural Rubber, Nitrile Rubber, and Silicone Rubber
Some surface oxidation of copper during heat aging.
Test for compatibility for materials not listed

Before using this product, please refer to Safety Data Sheet (SDS).

**Krytox® Grease is a trademark of the Chemours Company FC, LLC*

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978-469-6888 chesterton.com

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