



Novec™

Brand

3M™ Novec™ Contact Cleaner/Lubricant

Introduction

3M™ Novec™ Contact Cleaner/Lubricant quickly penetrates and flushes away light oils and greases from sensitive electrical and electronic equipment including: avionics, electro-mechanical devices, electrical contacts, connectors and switches. Effectively removes fluorinated oils and greases and leaves a thin protective silicone coating. Novec Contact Cleaner/Lubricant is compatible with plastics and other materials of construction.

Plastics compatibility

Material	Compatibility	Material	Compatibility
ABS	Excellent	PMMA	Excellent*
Nylon	Excellent	POM	Excellent
Lexan®/Polycarbonate	Excellent	PP	Excellent
HDPE	Excellent	PS	Excellent
CDPE	Excellent	PTFE	Excellent
C.E. Phenolic	Excellent	PVC	Excellent

* May damage stressed acrylics. Test before use.

Environmental, health and safety information

Not for specification purposes.

Properties	3M™ Novec™ Contact Cleaner/Lubricant
Ozone Depletion Potential ¹ (ODP)	0.0
Global Warming Potential ² (GWP)	105
Flashpoint ³	None
Exposure Guideline (ppmV, 8 hour time weighted average)	338 ⁴

¹ CFC-11 = 1.0

² GWP-100 year integration time horizon, CO₂ = 1.0

³ ASTM D3278

⁴ Please refer to Safety Data Sheet (SDS) for specifics

Key features and benefits

- Cleans and lubricates
- Non-flammable
- Excellent plastics compatibility
- Non conductive, non-corrosive
- Low toxicity
- Low global warming potential
- Contains no HCFCs, HFCs, nPB or HAPs

Regulatory information

RoHS/WEEE Compliant	Yes
Meets CA VOC Limits	Yes – Electrical Cleaner
Meets OTC VOC Limits	Yes – Electrical Cleaner
NSN (National Stock Number)	6850-01-597-1998

Physical properties

Not for specification purposes.

Properties	Values
Evaporation Rate (relative to n-Butyl Acetate = 1.0)	>10x
Surface Tension (dynes/cm ²)	16
Specific Gravity (g/ml)	1.43
Dielectric Strength	>25 kV
Shelf Life	5 years*

* The shelf life of 3M™ Novec™ Contact Cleaner/Lubricant is 5 years from the date of manufacture when stored at general warehouse storage conditions, less than 27°C (80°F).

Safety and handling

3M™ Novec™ Contact Cleaner/Lubricant is nonflammable. When used as directed, in its intended applications, the product has a wide margin of safety between anticipated exposures and the exposure guideline. Before using this product, be sure to read and follow all precautions and directions for use contained in the product label and Safety Data Sheet, which is available from your local 3M representative upon request. This product is for industrial use only. Not for consumer use or sale.

Transportation classification

Ground: Consumer Commodity ORM-D

Air: Aerosols, Nonflammable, 2.2, UN1950

Resources

For more information on 3M Novec products or to contact a 3M representative, visit 3M.com/Novec.

Smart. Safe. Sustainable.

The 3M™ Novec™ Brand Family

The Novec brand is the hallmark for a variety of proprietary 3M products. Although each has its own unique formula and performance properties, all Novec products are designed in common to address the need for smart, safe and sustainable solutions in industry-specific applications. These include precision and electronics cleaning, heat transfer, fire protection, protective coatings, immersion cooling, advanced insulation media replacement solutions and several specialty chemical applications.

3M™ Novec™ Engineered Fluids • 3M™ Novec™ Aerosol Cleaners • 3M™ Novec™ 1230 Fire Protection Fluid • 3M™ Novec™ Electronic Grade Coatings • 3M™ Novec™ Insulating Gases

Safety Data Sheet: Consult Safety Data Sheet before use.

Regulatory: For regulatory information about this product, contact your 3M representative.

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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