



Novec™

Brand

3M™ Novec™ Contact Cleaner

Introduction

3M™ Novec™ Contact Cleaner helps to effectively remove fluorinated oils and greases, light oils and silicones, dust and particulates from sensitive electrical and electronic equipment, including connectors, printed circuit boards, electro-mechanical devices, scales, contacts, relays, switches, instrumentation and circuit breakers. Novec Contact Cleaner is compatible with plastics and other materials of construction. Based on proprietary 3M solvent technology, it is non-flammable, non-ozone depleting and contains no HCFCs, HFCs or nPB, nor contains hazardous air pollutant (HAP) solvents above 1%.

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

Environmental, health and safety information

Not for specification purposes.

Properties	3M™ Novec™ Contact Cleaner
Ozone Depletion Potential ¹ (ODP)	0.0
Global Warming Potential ² (GWP)	297
Atmospheric Lifetime-ALT (years)	4.1
Flashpoint ³	None
Flammability Range in Air ⁴	None
Exposure Guideline (ppmV, 8 hour time weighted average)	750

¹CFC-11 = 1.0

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

³ASTM D3278

⁴Vol% by ASTM E681-94 @ 100°C

Key features and benefits

- Fast drying, low odor
- Excellent plastics compatibility
- No rinsing and no residues
- Non-flammable
- Non-corrosive, non-conductive
- Ideal for use on energized components
- Low toxicity
- Low global warming potential

Regulatory information

RoHS/WEEE Compliant	Yes
Meets CA VOC Limits	No
Meets OTC VOC Limits	Yes - Electrical Cleaner
NSN (National Stock Number)	6850-01-534-2919

Physical properties

Not for specification purposes.

Properties	Values
Evaporation Rate (relative to n-Butyl Acetate)	>10X
Surface Tension (dynes/cm ²)	14
Specific Gravity (g/ml)	1.52
Dielectric Strength	>25 kV
Shelf Life	5 years*

* The shelf life of 3M™ Novec™ Contact Cleaner 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 is nonflammable. When used as directed, in its intended applications, Novec Contact Cleaner 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 Material 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. Not for sale in California.

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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