



Acota Limited
Centrepoint
Knights Way
Battlefield Enterprise Park
Shrewsbury
Shropshire SY1 3BF
United Kingdom

Zwijndrecht, October 22, 2019

Dear Mrs. Lewis,

This letter is in response to your request for composition information, related to implementation of the European Union's Restriction on Hazardous Substances (RoHS) Directive (2002/95/EC) and amendments, the recast RoHS Directive 2011/65/EU and Com. Decision 2015/863/EU and the related Waste Electrical and Electronic Equipment (WEEE) Directive.

You requested information regarding the following 3M product(s):

Novec^(TM) Engineered fluids & Fluorinert^(TM) / Performance Fluids

Product name	MSDS nbr.
Novec ^(TM) Engineered Fluid 7000	16-2638-1
Novec ^(TM) Engineered Fluid 7100	07-6378-9
Novec ^(TM) Engineered Fluid 7100DL	08-4582-6
Novec ^(TM) Engineered Fluid 7200	08-1308-9
Novec ^(TM) Engineered Fluid 7300	19-5021-1
Novec ^(TM) Engineered Fluid 7500	09-5959-3

Novec ^(TM) Engineered Fluid 71DE	07-7119-6
Novec ^(TM) Engineered Fluid 71DA	08-0613-3
Novec ^(TM) Engineered Fluid 71IPA	08-6941-2
Novec ^(TM) Engineered Fluid 72DE	16-3042-5
Novec ^(TM) Engineered Fluid 72DA	17-8391-9
Novec ^(TM) Engineered Fluid 72FL	28-2606-3
Novec ^(TM) Engineered Fluid 73DE	35-8075-0

Fluorinert ^(TM) Electronic Liquid FC-43	10-3785-2
Fluorinert ^(TM) Electronic Liquid FC-40	10-3783-7
Fluorinert ^(TM) Electronic Liquid FC-72	10-3789-4
Performance Fluid PF-5060	10-4331-4
Fluorinert ^(TM) Electronic Liquid FC-770	22-7641-8
Fluorinert ^(TM) Electronic Liquid FC-3283	06-4521-8
Fluorinert ^(TM) Electronic Liquid FC-3284	06-7950-6
Performance Fluid PF-5052	05-8033-2

Novec^(TM) Electronic Grade Coating 1700, 1710, 1720, 2702, 2704, 2708
MSDS : 16-0006-3 / 30-0282-1 / 18-5746-5 / 26-3718-9 / 30-7413-5 / 30-8246-8

Novec^(TM) Contact Cleaner / Degreaser / Defluxer
MSDS : 20-0405-9 / 34-6374-2 / 34-6375-9

Novec^(TM) 4200 & 4300 Electronic Surfactant
MSDS : 19-1311-0 / 20-0100-6

HQ-115 FLUORAD Brand Lithium (bis)Trifluoromethanesulfonimide
MSDS : 10-4402-3

3M^(TM) Fluorosurfactant FC-4430 / FC-4432 / FC-4434
MSDS : 30-0260-7 / 16-3531-7 / 17-7795-8

Due to the wide variation in content and format of such request forms, it is the policy of 3M to provide letters, such as this one, in response to requests for regulatory information.

On behalf of 3M Company, to the best of 3M's knowledge, the following chemicals are or are not present at or above the concentrations indicated, in the product(s) listed above:

Substance	Product Contains*	Product Does Not Contain*
Lead (if alloying element in steel, aluminum or copper, provide percent lead content by weight)		X
Mercury		X
Cadmium		X
Hexavalent Chromium		X
Polybrominated Biphenyls (PBB)		X
Polybrominated Diphenyl Ethers (PBDE)		X
Bis(2-ethylhexyl) phthalate (DEHP)		X
Butyl benzyl phthalate (BBP)		X
Dibutyl phthalate (DBP)		X
Diisobutyl phthalate (DIBP)		X

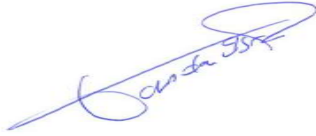
*"Contain" or "Does Not Contain" means that the material is or is not present at or above 0.1%, or for cadmium, is or is not present at or above 0.01% in accordance with EU Directive 2011/65/EU as amended by Commission Delegated Decision 2015/863/EU (establishing Maximum Concentration Values (MCVs)). The MCVs are by weight in homogeneous materials.

If a Material Safety Data Sheet (MSDS) is available for this product, the MSDS document number is shown above. Section 2 of the MSDS lists the product ingredients and forms the basis for the composition review. The MSDS should be reviewed for additional safety, health, environmental and regulatory information.

The information provided in this letter related to material content represents 3M Belgium's knowledge and belief as of the date it is provided, which may be based in whole or in part on information provided by suppliers to 3M.

I trust you hereby received the necessary information.

Sincerely yours.



Dr Pierre Vander Elst

Product responsibility and regulatory

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In the event any Product is proven not to conform with 3M's certification, then to the extent permitted by law, 3M's entire liability and Buyer's exclusive remedy, will be at 3M's option either: (i) replacement of Product with a conforming product, or (ii) refund of the purchase price paid by Buyer for each non-conforming Product, within a reasonable time after written notification of said non-conformance and return of said Product to 3M. 3M shall not under any circumstances be liable for direct, incidental, special, or consequential damages (including but not limited to loss of profits, revenue, or business) related to or arising out of this certification, including, the use, misuse or inability to use the Product. Unless stated otherwise in writing, the foregoing language cannot be waived, modified, or supplemented in any manner whatsoever.