Regulatory Data Sheet

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3M™ Round, Shielded/Jacketed, Flat Cable, HF659 Series, HF659/XX

Product Identification Numbers
80-0012-3660-5, 80-0012-3691-0, 80-0012-3783-5, 80-0012-4132-4, 80-0012-4133-2, 80-0012-4134-0, 80-0012-4135-7, 80-0012-4136-5, 80-0012-4137-3, 80-0012-4138-1, 80-0012-4139-9, 80-0012-4140-7, 80-0012-4141-5, 80-0012-4142-3, 80-0012-4143-1, 80-0012-4144-9, 80-0012-4145-6, 80-0012-4146-4, 80-0012-4147-2, 80-0012-4148-0, 80-0012-4149-8, 80-0012-4150-6, 80-0012-4151-4, 80-0012-4153-0, 80-0012-4154-8, 80-0012-4155-5, 80-0012-4156-3, 80-0012-4157-1, 80-0012-4158-9, 80-0012-4159-7, 80-0012-4161-3, 80-0012-4162-1, 80-0014-0419-5, 80-0014-1225-5, 80-0014-1226-3, 80-0014-1232-1, 80-0014-1237-0
7100191566, 7100188367, 7100188366, 7100023728, 7000057351, 7100161836, 7100161835, 7000057349, 7100186442, 7000057348, 7100161834, 7000057347, 7100161833, 7100161832, 7000057345, 7100161831, 7000057344, 7100161830, 7000057343, 7000057342, 7100161829, 7000057341, 7100161828, 7000057340, 7000057339, 7100185384, 7000057338, 7000057337, 7100161827, 7000057336, 7100161826, 7000057335, 7100186443, 7000057333, 7100161812, 7000057331

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RDSs are available at www.3M.com

Regulations and Industry Standards

SDS (US OSHA)
This product is an article and therefore is not subject to the requirements of the US Occupational Safety and Health Administration's (OSHA) Hazardous Communications Standard 29 CFR 1910.1200(b)(6)(v) to provide a Safety Data Sheet (SDS).
California Proposition 65
This product is an industrial product manufactured outside of California. It has not been assessed for consumer sale or use. Contact the manufacturer if more information is needed for your use.
China RoHS
This product or part does not exceed the maximum concentration values (MCVs) in China RoHS GB/T 26572-2011/AMD No. 1 (Requirements of Concentration limits for certain restricted substances in electrical and electronic products), which means that each of the homogeneous materials within this product is below the following MCVs: (a) 0.1% (by weight) for

lead and its compounds, mercury and its compounds, hexavalent chromium and its compounds, polybrominated biphenyls, polybrominated diphenyl ethers, di(2-ethylhexyl) phthalate, butyl benzyl phthalate, dibutyl phthalate, or diisobutyl phthalate; and (b) 0.01% (by weight) for cadmium and its compounds.

CONEG

This product complies with the US CONEG (Coalition of Northeastern Governors) Model Toxics in Packaging Legislation as there is no intentionally added lead, cadmium, hexavalent chromium or mercury, and the sum total concentration of these substances in the product does not exceed 100 ppm by weight.

Conflict Minerals

On August 22, 2012, the Securities and Exchange Commission (SEC) adopted final rules on conflict minerals reporting, pursuant to Section 1502 of the Dodd-Frank Act which requires manufacturers of products containing “conflict minerals” to disclose to the SEC whether those minerals are sourced from the Democratic Republic of Congo (DRC) or adjoining countries. 3M has been participating in the EICC-GeSI Extractives Workgroup, and are incorporating the EICC-GeSI Conflict Minerals Reporting template in existing systems for use with suppliers of materials that may contain conflict minerals covered by the SEC rules. 3M will provide product-specific information once the required supply chain data has been obtained.

EU Persistent Organic Pollutants (POPs)

This product is not known to contain Persistent Organic Pollutants (POPs) at or above the applicable thresholds per Annexes I, II, or IV; and it is not known to contain POPs substances from Annex III of Regulation (EU) 2019/1021 and its amendments.

EU REACH

This product is an article, without intended release of a chemical substance, under the Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (refer to REACH, Article 3(3)). It is not a chemical preparation. Therefore, it is not subject to the (pre)-registration or the registration process. It does not require a safety data sheet.

EU REACH

This product, including any article that the product is composed of, does not contain at greater than 0.1% by weight a Substance of Very High Concern (SVHC) substance identified according to Article 59 of REACH. This declaration reflects the substances on the candidate SVHC list, effective February 2026.

EU RoHS

This product does not exceed the maximum concentration values (MCVs) set under EU Directive 2011/65/EU (RoHS recast/RoHS 2), as stated in Annex II to that directive. This means that each of the homogenous materials within this product does not exceed the following MCVs: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; and (b) 0.01% (by weight) for cadmium.

EU RoHS Phthalates

This product does not exceed the maximum concentration values (MCVs) for phthalates set under EU Directive 2011/65/EU (RoHS recast/RoHS 2), as amended by EU 2015/863, which applies to finished EEE after July 22, 2019 for Category 1-7, 10-11 products and after July 22, 2021 for Category 8 and 9 products. This means that each of the homogeneous materials within this product does not exceed the MCV of 0.1% (by weight) for each of the following phthalates: DEHP, BBP, DBP, and DIBP.

MSIHC

India Manufacturing, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989: Product is classified as Non Hazardous.

Stockholm Agreement

This product does not contain Persistent Organic Pollutants (POPs) at or above applicable thresholds per Annexes A, B, and C of the Stockholm Convention, May 2004 and subsequent amendments.

TSCA Section 6

This product is not known to contain 2,4,6-Tri-tert-butylphenol (CAS 732-26-3).

TSCA Section 6

This product is not known to contain Decabromodiphenyl Ether (Deca-BDE) (CAS 1163-19-5).

TSCA Section 6

This product is not known to contain Hexachlorobutadiene (HCBD) (CAS 87-68-3).

TSCA Section 6

This product is not known to contain Pentachlorothiophenol (PCTP) (CAS 133-49-3).

TSCA Section 6

This product is not known to contain Phenol, isopropylated phosphate (3:1) (PIP (3:1)) (CAS 68937-41-7).

Chemicals and/or Compounds of Interest

Antimony and (Sb) Compounds : Not known to contain.
Arsenic and (As) Compounds : Not known to contain.
Asbestos : Not known to contain.
Beryllium and (Be) Compounds : Not known to contain.
Bisphenol A (BPA) (CAS 80-05-7) : Not known to contain.
Butyl Benzyl Phthalate (BBP) (CAS 85-68-7) : Not known to contain.
Cadmium and (Cd) Compounds : Not known to contain.
Cobalt and (Co) Compounds : Not known to contain.
Decabromodiphenyl Ether (Deca-BDE) (CAS 1163-19-5) : Not known to contain.
Di(2-Ethylhexyl) Phthalate (DEHP) (CAS 117-81-7) : Not known to contain.
Dibutyl Phthalate (DBP) (CAS 84-74-2) : Not known to contain.
Diisobutyl Phthalate (DIBP) (CAS 84-69-5) : Not known to contain.
Gallium (CAS 7440-55-3) : Not known to contain.
Germanium (CAS 7440-56-4) : Not known to contain.
Gold and (Au) Compounds : Not known to contain.
Halogenated Compounds : Bromine, chlorine, fluorine, iodine or chemical compounds containing them are not intentionally added.
Hexavalent Chromium and (Cr+6) Compounds : Not known to contain.
Lead and (Pb) Compounds : Not known to contain.
Mercury and (Hg) Compounds : Not known to contain.
Mica : Not known to contain.
Nickel and (Ni) Compounds : Not known to contain.
Nuts : Not known to contain.
Ozone Depleting Chemicals (ODCs) : Not known to contain.
Polybrominated Biphenyls (PBB) : Not known to contain.
Polybrominated Diphenylethers (PBDE) : Not known to contain.
Polyvinyl Chloride (PVC) : Not known to contain.
Tantalum and (Ta) Compounds : Not known to contain.
Tin and (Sn) Compounds : Contains.
Tungsten and (W) Compounds : Not known to contain.

Per- and Polyfluoroalkyl Substances (PFAS)

PFAS refers to a broad range of thousands of materials with varying properties and characteristics, which may include high resistance to oil, water, temperature, chemicals, and fire, which makes certain PFAS critical to the functioning of many modern products.

Per- and polyfluoroalkyl substances (PFAS) : Not intentionally added.
Perfluorooctanoic Acid (PFOA) (CAS 335-67-1) : Not intentionally added.

Definitions

Note: all Definitions take Disclaimers into account and apply to the "Chemicals and/or Compounds of Interest" and/or "Per and poly-fluoroalkyl Substances (PFAS)" sections only

Terms	Definitions
Contains*	Present based on composition information disclosed by 3M suppliers, analytical testing, or both.
Not known to contain*	1. Analytical measurement for presence is not currently available; 2. If measurement is possible, a) The material has not been identified or disclosed to 3M and b) The material has not been specifically quantified or detected; OR c) Based on information from raw material suppliers, possible presence as an impurity or

	by-product at or below regulatory thresholds (e.g., 0.1 or 0.01 %)
Intentionally added**	Desired in the final product to provide a specific characteristic, appearance, or quality and/or to perform a specific function.
Not intentionally added**	By-product(s), impurity(ies) and/or unintended artifact(s) resulting from the formulation and/or manufacture of a material.
By-product***	A chemical substance produced without a separate commercial intent during the manufacture, processing, use, or disposal of another chemical substance or mixture.
Impurity***	A chemical substance which is unintentionally present with another chemical substance (e.g., residuals, catalysts, process solvents).

**Terms apply to the Chemicals and/or Compounds of Interest Section only (if section is present)*
***Terms apply to the PFAS Section only (if section is present)*
****Terms apply to both the Chemicals and/or Compounds of Interest and PFAS Sections (if section(s) are present)*

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