



## Regulatory Data Sheet

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<b>Document Group:</b>	06-2277-9	<b>Version Number:</b>	6.01
<b>Issue Date:</b>	08/06/19	<b>Supersedes Date:</b>	07/22/19

## 3M™ VHB™ Tape 4949

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RDSs are available at [www.3M.com](http://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

To the best of the manufacturer's knowledge, this product is in compliance with Proposition 65, and reasonably anticipated use of this product will not result in exposure to any Proposition 65 chemicals that would require a Proposition 65 warning.

### China RoHS

This product or part does not exceed the maximum concentration values (MCVs) in China RoHS GB/T 26572-2011 (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 or polybrominated diphenyl ethers; 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

Conflict Minerals, which the U.S. Securities and Exchange Commission ("SEC") has defined as gold, columbite-tantalite (coltan), cassiterite, wolframite, or their derivatives (tin, tantalum, or tungsten), are not contained in or are not "necessary to the functionality or necessary to the production" of the above-listed product, as the term "necessary to the functionality or the production" is defined under the SEC's Conflict Minerals Rule. 77 Fed. Reg. 56274 (Sept. 12, 2012).

### CPSIA 2008

A Certificate of General Conformity per the US Consumer Product Safety Act, 15 U.S.C. § 2063 (a)(1), as revised by section 102 of the 2008 US Consumer Product Safety Improvement Act, is not required for the requested product.

**EU Azo Colourant Directive**

This product does not contain azo dyes which, by reductive cleavage of one or more azo groups, may release one or more of the aromatic amines listed in the Appendix I, in detectable concentrations above 30 ppm in the finished article or in the dyes parts thereof, according to the testing method established in accordance with Article 2a of this European Commission Directive 2002/61/EC (2004/21/EC).

**EU CMR Directive**

This product does not contain an ingredient at  $\geq 0.1\%$  that is classified as a Category 1 or 2 carcinogen, mutagen, or reproductive toxicant according to Annex VI (Table 3.2) of European Regulation 1272/2008 on Classification, Labelling, and Packaging of Dangerous Substances and Mixtures or that is classified by 3M or its vendors as an EU Category 1 or 2 carcinogen, mutagen, or reproductive toxicant according to the criteria of European Council Directive 67/548/EEC (the Dangerous Substances Directive).

**EU Food Allergens**

This product complies with Regulation (EU) 1169/2011 on the provision of food information to consumers, as there is no intentionally added component identified in Annex II of this regulation. Specifically, none of the following are intentionally added: cereals containing gluten, crustaceans, eggs, fish, peanuts, soybeans, milk, nuts, celery, mustard, sesame seeds, sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/L expressed as sulphur dioxide, lupin, mollusks, and/or derivatives thereof.

**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 July 2019.

**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.

**Fluorinated Greenhouse Gas**

A Fluorinated Greenhouse Gas (or F-Gas) listed under Annex I and II of Regulation (EU) No 517/2014 of the European Parliament and of the Council of 16 April 2014 is not intentionally added to the product.

**GADSL**

This product does not intentionally contain a Restricted or Prohibited substance(s) at or above the reportable threshold levels in the Global Automotive Declarable Substance List (GADSL). This declaration reflects the substances on the list as of the date of this certificate. 4949: 3M(tm) VHB(tm) Tape is available in the public domain of IMDS as a Material Module entry with ID 125959253.

**Halal**

This product has not been reviewed. However, this product does not contain a material of animal or human origin in the manufacturing process.

**Kosher**

This product has not been reviewed. However, this product does not contain a material of animal or human origin in the manufacturing process.

**OEKO-TEX Standard 100**

This product does not meet the textile industry qualifications for the OEKO-TEX Standard 100. Product contains a substance(s) above limit threshold values in Limit Values and Fastness, Part 1,2, & 3 Edition 02/2009.

**Persistent Organic Pollutants (POPs)**

This product does not intentionally contain a substance(s) present on the Stockholm Convention on Persistent Organic Pollutants (POPs), Annex A, B, or C ratified 8 May 2009.

**Sustainability Advantage: Recycled content**

This product does not contain recycled content.

**Sustainability Advantage: Solventless or water-based manufacturing process**

This product is made using a solventless or water-based manufacturing process.

**TSCA 8(a) Nanomaterial Reporting**

This product does not contain nanoparticles subject to reporting under TSCA Section 8(a). Under the “Chemical Substances When Manufactured or Processed as Nanoscale Materials: TSCA Reporting and Recordkeeping Requirements” rule, a reportable nanoparticle is defined as having at least one dimension in the size range of 1 – 100 nm and is manufactured or processed to exhibit unique and novel properties because of its size.

**US FALCPA**

This product complies with the United States Food Allergy Labeling and Consumer Protection Act of 2004, as there is no intentionally added milk, egg, fish, crustacean shellfish, tree nuts, wheat, peanuts, soybeans, and/or proteins thereof.

**US FDA Indirect Food Additive**

This product has not been reviewed for the United States Food and Drug Administration (Code of Federal Regulations) 21 CFR Regulations. Please contact 1-800-362-3550.

## Chemicals and/or Compounds of Interest

**4,4'-Methylenebis(2,6-Diethylaniline)** : This chemical or chemical compound is not intentionally added.

**Acrylamide** : This chemical or chemical compound is not intentionally added.

**Alkylphenol (AP)** : This chemical or chemical compound is not intentionally added.

**Alkylphenolethoxylates (APE)** : This chemical or chemical compound is not intentionally added.

**Antimony and (Sb) Compounds** : This chemical or chemical compound is not intentionally added.

**Aromatic Amines** : This chemical or chemical compound is not intentionally added.

**Arsenic and (As) Compounds** : This chemical or chemical compound is not intentionally added.

**Asbestos** : This chemical or chemical compound is not intentionally added.

**Azo Colorants** : This chemical or chemical compound is not intentionally added.

**Benzenamine, N-Phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (BNST)** : This chemical or chemical compound is not intentionally added.

**Beryllium and (Be) Compounds** : This chemical or chemical compound is not intentionally added.

**Bis(2-Methoxyethyl) Phthalate** : This chemical or chemical compound is not intentionally added.

**Bismuth and (Bi) Compounds** : This chemical or chemical compound is not intentionally added.

**Bisphenol A (BPA)** : This chemical or chemical compound is not intentionally added.

**Butyl Benzyl Phthalate (BBP)** : This chemical or chemical compound is not intentionally added.

**Butylated Hydroxytoluene (BHT)** : This chemical or chemical compound is not intentionally added.

**Cadmium and (Cd) Compounds** : This chemical or chemical compound is not intentionally added.

**Chlorinated Paraffins, Short Chain** : This chemical or chemical compound is not intentionally added.

**Chlorinated Polyethylene** : This chemical or chemical compound is not intentionally added.

**Chlorofluorocarbons (CFCs)** : This chemical or chemical compound is not intentionally added.

**Chloroprene (Neoprene)** : This chemical or chemical compound is not intentionally added.

**Chlorosulfonated Polyethylene** : This chemical or chemical compound is not intentionally added.

**Chromium and (Cr) Compounds** : This chemical or chemical compound is not intentionally added.

**Colophony (Rosin)** : This chemical or chemical compound is not intentionally added.

**Creosote** : This chemical or chemical compound is not intentionally added.

**Crystalline Silica** : This chemical or chemical compound is not intentionally added.

**Decabromodiphenyl Ether (Deca-BDE)** : This chemical or chemical compound is not intentionally added.

**Di(2-Ethylhexyl) Phthalate (DEHP)** : This chemical or chemical compound is not intentionally added.

**Dibutyl Phthalate (DBP)** : This chemical or chemical compound is not intentionally added.

**Dibutyl Tin Compounds** : This chemical or chemical compound is not intentionally added.

**Diisobutyl Phthalate (DIBP)** : This chemical or chemical compound is not intentionally added.

**Diisodecyl Phthalate (DIDP)** : This chemical or chemical compound is not intentionally added.

**Diisononyl Phthalate (DINP)** : This chemical or chemical compound is not intentionally added.

**Dimethyl Fumarate (DMF)** : This chemical or chemical compound is not intentionally added.

**Dimethylacetamide** : This chemical or chemical compound is not intentionally added.

**Di-n-Octyl Phthalate (DNOP)** : This chemical or chemical compound is not intentionally added.

**Dioxins and Furans** : This chemical or chemical compound is not intentionally added.

**Dyes** : This chemical or chemical compound is not intentionally added.

**Epoxy Compounds** : This chemical or chemical compound is not intentionally added.

**Flame Retardants (not PBB or PBDE)** : This chemical or chemical compound is not intentionally added.

**Flavorings** : This chemical or chemical compound is not intentionally added.

**Formaldehyde** : This chemical or chemical compound is not intentionally added.

**Genetically Modified Organisms (GMOs)** : This chemical or chemical compound is not intentionally added.

**Gluten** : This chemical or chemical compound is not intentionally added.

**Halogenated Compounds** : This product can be considered “low halogen”. Low halogen is defined by the Electrotechnical Commission (IEC) 61249-2-21 standard as having less than 900 ppm bromine, less than 900 ppm chlorine, and/or less than 1500 ppm total bromine and chlorine.

**Halogenated Flame Retardants** : This chemical or chemical compound is not intentionally added.

**Hexabromo Cyclo-Dodecane (HBCD)** : This chemical or chemical compound is not intentionally added.

**Hexavalent Chromium and (Cr+6) Compounds** : This chemical or chemical compound is not intentionally added.

**Hydrochlorofluorocarbons (HCFCs)** : This chemical or chemical compound is not intentionally added.

**Lead and (Pb) Compounds** : This chemical or chemical compound is not intentionally added.

**Materials of Human or Animal Origin** : This chemical or chemical compound is not intentionally added.

**Melamine** : This chemical or chemical compound is not intentionally added.

**Mercury and (Hg) Compounds** : This chemical or chemical compound is not intentionally added.

**Musk Xylene** : This chemical or chemical compound is not intentionally added.

**Natural Rubber Latex** : This chemical or chemical compound is not intentionally added.

**Nickel and (Ni) Compounds** : This chemical or chemical compound is not intentionally added.

**N-Nitrosamines** : This chemical or chemical compound is not intentionally added.

**Nonylphenol (NP)** : This chemical or chemical compound is not intentionally added.

**Nonylphenol Ethoxylates (NPE)** : This chemical or chemical compound is not intentionally added.

**Nuts** : This chemical or chemical compound is not intentionally added.

**Organochlorine Pesticides** : This chemical or chemical compound is not intentionally added.

**Organophosphate Pesticides** : This chemical or chemical compound is not intentionally added.

**Organotin Compounds** : This chemical or chemical compound is not intentionally added. *Organotin in liner <0.01%*

**Ozone Depleting Chemicals (ODCs)** : This chemical or chemical compound is not intentionally added.

**Pentachlorophenol** : This chemical or chemical compound is not intentionally added.

**Perfluorooctane Sulfonate (PFOS)** : This chemical or chemical compound is not intentionally added.

**Perfluorooctanoic Acid (PFOA)** : This chemical or chemical compound is not intentionally added.

**Petrochemical Fertilizers** : This chemical or chemical compound is not intentionally added.

**Phosphorus and (P) Compounds** : This chemical or chemical compound is not intentionally added.

**Polybrominated Biphenyls (PBB)** : This chemical or chemical compound is not intentionally added.

**Polybrominated Diphenylethers (PBDE)** : This chemical or chemical compound is not intentionally added.

**Polychlorinated Biphenyls (PCBs)** : This chemical or chemical compound is not intentionally added.

**Polychlorinated Naphthalenes (>3 Chlorine Atoms)** : This chemical or chemical compound is not intentionally added.

**Polycyclic Aromatic Hydrocarbons (PAHs)** : This chemical or chemical compound is not intentionally added.

**Potassium and (K) Compounds** : This chemical or chemical compound is not intentionally added.

**PVC (Polyvinyl Chloride)** : This chemical or chemical compound is not intentionally added.

**Radioactive Substance** : This chemical or chemical compound is not intentionally added.

**Selenium and (Se) Compounds** : This chemical or chemical compound is not intentionally added.

**Sulfur and (S) Compounds** : This product is known to contain this chemical or chemical compound.

**Tetrabromobisphenol A (TBBA)** : This chemical or chemical compound is not intentionally added.

**Tin and (Sn) Compounds** : This product is known to contain this chemical or chemical compound.

**Tributyl Tin Compounds** : This chemical or chemical compound is not intentionally added.

**Triphenyl Tin Compounds** : This chemical or chemical compound is not intentionally added.

**Urea-Formaldehyde (UF)** : This chemical or chemical compound is not intentionally added.

**Zinc and (Zn) Compounds** : This chemical or chemical compound is not intentionally added.

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