



## Regulatory Data Sheet

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## 3M™ Membrane Switch Spacer 9045MP

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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

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 (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 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 June 2020.

**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 Declarable 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. 9045MP: 3M(tm) Membrane Switch Spacer is available in the public domain of IMDS as a Semi-Component Module entry with ID 411232859.

**Halal**

This product has not been certified Halal.

**Kosher**

This product has not been certified Kosher.

**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.

**Chemicals and/or Compounds of Interest**

**4,4'-Methylenebis(2,6-Diethylaniline) (CAS 13680-35-8)** : Not intentionally added.

**Acrylamide (CAS 79-06-1)** : Not intentionally added.

**Alkylphenol (AP)** : Not intentionally added.

**Alkylphenoethoxylates (APE)** : Not intentionally added.

**Aromatic Amines** : Not intentionally added.

**Arsenic and (As) Compounds** : Not intentionally added.

**Asbestos** : Not intentionally added.

**Azocolorants and Azodyes** : Not intentionally added.

**Beryllium and (Be) Compounds** : Not intentionally added.  
**Bismuth and (Bi) Compounds** : Not intentionally added.  
**Bisphenol A (BPA) (CAS 80-05-7)** : Not intentionally added.  
**Butyl Benzyl Phthalate (BBP) (CAS 85-68-7)** : Not intentionally added.  
**Butylated Hydroxytoluene (BHT) (128-37-0)** : Not intentionally added.  
**Cadmium and (Cd) Compounds** : Not intentionally added.  
**Chlorinated Paraffins, Short Chain** : Not intentionally added.  
**Chromium and (Cr) Compounds** : Not intentionally added.  
**Cobalt and (Co) Compounds** : Not intentionally added.  
**Colophony (Rosin) (CAS 8050-09-7)** : Not intentionally added.  
**Crystalline Silica** : Not intentionally added.  
**Decabromodiphenyl Ether (Deca-BDE) (CAS 1163-19-5)** : Not intentionally added.  
**Di(2-Ethylhexyl) Phthalate (DEHP) (CAS 117-81-7)** : Not intentionally added.  
**Dibutyl Phthalate (DBP) (CAS 84-74-2)** : Not intentionally added.  
**Diisodecyl Phthalate (DIDP)** : Not intentionally added.  
**Diisononyl Phthalate (DINP)** : Not intentionally added.  
**Dimethyl Fumarate (DMF) (CAS 624-49-7)** : Not intentionally added.  
**Dimethylacetamide (CAS 127-19-5)** : Not intentionally added.  
**Di-n-Octyl Phthalate (DNOP) (CAS 117-84-0)** : Not intentionally added.  
**Dioxins and Furans** : Not intentionally added.  
**Dyes** : Not intentionally added.  
**Epoxy Compounds** : Not intentionally added.  
**Flame Retardants (not PBB or PBDE)** : Not intentionally added.  
**Flavorings** : Not intentionally added.  
**Formaldehyde (CAS 50-00-0)** : Not intentionally added.  
**Genetically Modified Organisms (GMOs)** : Not intentionally added.  
**Gluten** : Not intentionally added.  
**Halogenated Compounds** : This product meets the non-halogenated permissible limits of the International Electrotechnical Commission (IEC) 61249-2-21 standard as having less than 900 ppm bromine, less than 900 ppm chlorine, and less than 1500 ppm total bromine and chlorine.  
**Hexavalent Chromium and (Cr+6) Compounds** : Not intentionally added.  
**Lead and (Pb) Compounds** : Not intentionally added.  
**Materials of Human or Animal Origin** : Not intentionally added.  
**Melamine (CAS 108-78-1)** : Not intentionally added.  
**Mercury and (Hg) Compounds** : Not intentionally added.  
**Musk Xylene (CAS 81-15-2)** : Not intentionally added.  
**Natural Rubber Latex (CAS 9006-04-6)** : Not intentionally added.  
**Nickel and (Ni) Compounds** : Not intentionally added.  
**Nonylphenol (NP)** : Not intentionally added.  
**Nonylphenol Ethoxylates (NPE)** : Not intentionally added.  
**Nuts** : Not intentionally added.  
**Organochlorine Pesticides** : Not intentionally added.  
**Organophosphate Pesticides** : Not intentionally added.  
**Organotin Compounds** : Not intentionally added. *Organotin in liner <0.01%*  
**Ozone Depleting Chemicals (ODCs)** : Not intentionally added.  
**Perfluorooctanesulfonic Acid (PFOS) (CAS 1763-23-1)** : Not intentionally added.  
**Perfluorooctanoic Acid (PFOA) (CAS 335-67-1)** : Not intentionally added.  
**Phthalates** : Not intentionally added.  
**Polybrominated Biphenyls (PBB)** : Not intentionally added.  
**Polybrominated Diphenylethers (PBDE)** : Not intentionally added.  
**Polychlorinated Biphenyls (PCBs)** : Not intentionally added.  
**Polychlorinated Naphthalenes (PCNs) (>3 Chlorine Atoms)** : Not intentionally added.  
**Polycyclic Aromatic Hydrocarbons (PAHs)** : Not intentionally added.  
**Polyvinyl Chloride (PVC)** : Not intentionally added.  
**Radioactive Substance** : Not intentionally added.

**Selenium and (Se) Compounds** : Not intentionally added.

**Tetrabromobisphenol A (TBBA) (CAS 79-94-7)** : Not intentionally added.

**Tributyl Tin Compounds** : Not intentionally added.

**Triphenyl Tin Compounds** : Not intentionally added.

**Zinc and (Zn) Compounds** : Not intentionally added.

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