



ISO 9001:2015 Certified Company

PRECISION BRAND PRODUCTS, INC.

2250 CURTISS STREET

DOWNERS GROVE, IL 60515 USA

PHONE: (630) 969-7200 FAX: (630) 969-0310

3MTM 300LSE Adhesive Transfer Tapes: 8132LE, 8153LE, 9453FL, 9453LE, 9471FL, 9471LE, 9472FL, 9472LE, 9472LEU, 9653LE, 9671LE, 9672LE, L3+T3, L3+TS 08/11/22

August 12, 2024

This is to certify that to the best of our knowledge and belief, all values shown below are correct and true and the material complies with the specifications shown.

COPPER SHIM STOCK

110 ANNEALED

COPPER	99.90
OTHER ELEMENTS	.10
TEMPER	ANNEALED
ROCKWELL	65 MAX F SCALE

APPROXIMATE TENSILE STRENGTH

.001 - .003	20 KSI MIN
.004 - .010	25 KSI MIN

APPROXIMATE ELONGATION

.001 - .003	10% IN 2"
.004 - .010	20% IN 2"

**MEETS SPECIFICATION:
ASTM B152**



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Article Information Sheet

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This Article Information Sheet is provided as a courtesy in response to a customer request. A Safety Data Sheet (SDS) has not been prepared for these product(s) because they are articles. Articles are not subject to the Occupational Safety and Health Administration's Hazard Communication Standard (29 CFR 1910.1200(b)(6)(v)). As defined in this standard: "Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

Document Group: 07-7168-3 Version Number: 1.02
Issue Date: 08/11/22 Supercedes Date: 04/25/18

SECTION 1: Identification

1.1. Product identifier

3MTM 300LSE Adhesive Transfer Tapes: 8132LE, 8153LE, 9453FL, 9453LE, 9471FL, 9471LE, 9472FL, 9472LE, 9472LEU, 9653LE, 9671LE, 9672LE, L3+T3, L3+T5

1.2. Recommended use and restrictions on use

Recommended use

Bonding & Attachment, Industrial use

1.3. Supplier's details

MANUFACTURER: 3M
DIVISION: 3M Poland
ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA
Telephone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

This product is exempt from hazard classification according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.



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SECTION 3: Composition/information on ingredients

Table with 3 columns: Ingredient, C.A.S. No., % by Wt. Rows include Paper or Film Liner, Acrylic Polymer Adhesive.

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: No need for first aid is anticipated.

Skin Contact: No need for first aid is anticipated.

Eye Contact: No need for first aid is anticipated.

If Swallowed: No need for first aid is anticipated.

SECTION 5: Fire-fighting measures

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures Not applicable.

6.2. Environmental precautions Not applicable.

6.3. Methods and material for containment and cleaning up Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.



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7.2. Conditions for safe storage including any incompatibilities
No special storage requirements.

SECTION 8: Exposure controls/personal protection

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. No engineering controls or personal protective equipment (PPE) are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Table with 2 columns: Property Name and Property Value. Includes rows for Appearance, Physical state, Color, Specific Physical Form, Odor, Odor threshold, pH, Melting point, Boiling Point, Flash Point, Evaporation rate, Flammability (solid, gas), Flammable Limits(LEL), Flammable Limits(UEL), Vapor Pressure, Vapor Density, Density, Specific Gravity, Solubility in Water, Solubility- non-water, Partition coefficient: n-octano/water, Autoignition temperature, Decomposition temperature, Viscosity, Molecular weight, Volatile Organic Compounds, Percent volatile, and VOC Less H2O & Exempt Solvents.

SECTION 10: Stability and reactivity

This material is considered to be non reactive under normal use conditions.



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SECTION 11: Toxicological information

Inhalation:

This product may have a characteristic odor; however, no adverse health effects are anticipated.

Skin Contact:

No health effects are expected

Eye Contact:

No health effects are expected

Ingestion:

No health effects are expected

Additional Information:

This product, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

SECTION 12: Ecological information

This article is expected to present a low environmental risk either because use and disposal are unlikely to result in a significant release of components to the environment or because those components that may be released are expected to have insignificant environmental impact.

SECTION 13: Disposal considerations

Dispose of contents/container in accordance with the local/regional/national/international regulations.

SECTION 14: Transport Information

Not regulated per U.S. DOT, IATA or IMO.

These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M transportation classifications are based on product formulation, packaging, 3M policies and 3M understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for U.S. ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

SECTION 15: Regulatory information

Chemical Inventories

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory requirements.

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For additional regulatory information on this product, refer to www.3M.com/regs.

SECTION 16: Other information

NFPA Hazard Classification

Health: 0 Flammability: 1 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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3MTm Adhesive Transfer Tape 9471LE 01/29/24



Regulatory Data Sheet

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This Regulatory Data Sheet is provided as a courtesy in response to a customer request.

Document Group: 25-7074-5 Version Number: 21.00
Issue Date: 01/29/24 Supercedes Date: 11/16/23

3MTM Adhesive Transfer Tape 9471LE

3M
Industrial Adhesives and Tapes Division
3M Center, St. Paul, MN 55144-1000, USA
1-888-3M HELPS (1-888-364-3577)

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).

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.

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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).

ELV (End of Life Vehicles)

This product does not contain intentionally added amounts of substances restricted by EU Directive 2000/53/EC, as amended 2008/33/EC.

EU REACH

Substances listed in Annex XIV of Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) are not intentionally added to this product.

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 January 2024.

EU REACH

This product or part is known to contain a substance listed in Annex XVII. *As 3M has placed the product on the market, it is done so in accordance with EU REACH restrictions listed in column 2 of Annex XVII of Regulation (EC) No. 1907/2006. For more information on downstream conditions of use, consult the following Entries: 3.*

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.

FDA 21 CFR 175.105

The adhesive in this product can be used as a component of articles intended for use in packaging, transporting or holding food in accordance with 21 CFR 175.105. Additional analysis by the customer is required based on its use for purposes of compliance with 21 CFR 175.105.

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

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date of this certificate. *9471LE & 9471FL: 3M(tm) Adhesive Transfer Tape is available in the public domain of IMDS as a Material Module entry with ID 124060784.*

Halal

This product has not been certified Halal.

Halogens — IEC 61249-2-21

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.

Kosher

This product has not been certified Kosher.

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.

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 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

Asbestos : Not known to contain.

Biocides/Preservatives : Biocides/preservatives are not intentionally added for the purpose of protecting the product from the growth of microorganisms.

Bisphenol A (BPA) (CAS 80-05-7) : Not known to contain.

Cobalt and (Co) Compounds : Not known to contain.

Gallium (CAS 7440-55-3) : Not known to contain.

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- Germanium (CAS 7440-56-4) : Not known to contain.
Materials of Human or Animal Origin : Not known to contain.
Mica : Not known to contain.
Natural Rubber Latex : Not known to contain.
Ozone Depleting Chemicals (ODCs) : Not known to contain.
Polycyclic Aromatic Hydrocarbons (PAHs) : Not known to contain.
Rare Earth Elements (REE) or Rare Earth Metals (REM) : Not known to contain.
Talc (CAS 14807-96-6) : 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 (WAS) : Not intentionally added.
Perfluorinated Compounds (PFCs) : Not intentionally added.
Perfluorohexane sulfonate (PFHxS) : Not intentionally added.
Perfluorohexanoic acid (PFHxA) (CAS 307-24-4) : Not intentionally added.
Perfluorooctanesulfonic Acid (PFOS) (CAS 1763-23-1) : 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

Table with 2 columns: Terms, Definitions. Rows include: Contains*, Not known to contain*, Intentionally added**, Not intentionally added**, By-product***, Impurity***.

*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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