



SAFETY DATA SHEET

According to 29 CFR 1910.1200(g)
& Canadian WHMIS 2015

DENSO LT TAPE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Denso LT Tape

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use Industrial use as a protective barrier in prevention of corrosion.

Restricted Use Not intended for use by general public.

1.3. Details of the supplier of the safety data sheet

Company Denso North America Inc.
Address 90 Ironside Crescent, Unit 12
Toronto, ON M1X1M3
Web www.densona.com
Telephone 1 (416) 291-3435
Fax 1 (416) 291-0898
Email sales@densona-ca.com

1.4. Emergency telephone number

Emergency telephone number (24 Hour) Canutec 1 (613)996-6666

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

2.1.1. Health No significant hazard
2.1.2. Environmental No significant hazard
2.1.3. Physical No significant hazard

2.2. Label elements

Hazard pictograms
Signal Word
Hazard statement No significant hazard.
Precautionary Statement: Prevention No significant hazard.
Precautionary Statement: Response No significant hazard.
Precautionary Statement: Disposal No significant hazard.



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SECTION 3: Composition/information on ingredients

3.1. Substances

| Chemical Name | CAS No. | Concentration (%w/w) | Classification |
|---------------|---------|----------------------|----------------|
|---------------|---------|----------------------|----------------|

NOTES: This product does not contain any substances classified as hazardous to health.

SECTION 4: First aid measures

4.1. General advice Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

4.2. Eye contact Immediately flush eyes with plenty of water for at least 15 minute, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.

4.3. Skin contact Wash with soap and water. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. For contact with hot product, flush contaminated skin with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze. Get medical attention immediately.

4.4. Ingestion Wash out mouth with water. If material has been swallowed and the exposure person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

4.5 Inhalation Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

4.6. Most important symptoms and effects, both acute and delayed

Eye contact May cause irritation to eyes.

Skin contact May cause irritation to skin.

Ingestion May cause nausea and vomiting



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Inhalation Product is solid. Inhalation may cause difficulty breathing or suffocation.

SECTION 5: Firefighting measures

- 5.1. Suitable extinguishing media Alcohol-resistant foam, Carbon dioxide (CO₂), Dry chemical, Dry sand, Limestone powder. Do not use a solid water stream as it may scatter and spread fire.
- 5.2. Specific hazards Decomposition products may include the following materials: carbon dioxides. Downwind personnel must be evacuated. Burning produces noxious and toxic fumes.
- 5.3. Special protective equipment for fire-fighters Fire-fighters should wear appropriate personal protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

- 6.1. Personal precautions No action shall be taken involving any personal risk or without suitable training. As this product is a solid, simply wear protective gloves and recover material from release area (see section 8).
- 6.2. Environmental precautions Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- 6.3. Methods for cleaning up Prevent entry into sewers or water courses. Collect spillage.
- 6.4. Additional advice Note: see Section 8 for personal protective equipment and Section 13 for waste disposal.

SECTION 7: Handling and storage

- 7.1. Handling Put on appropriate personal protective equipment (see Section 8). Adopt best manual handling practices when handling, carrying and dispensing.
- 7.2. Storage Store in accordance with local regulations. Store in original container protected from direct sunlight in a cool area, away from sparks, flames, heat and sources of ignition.

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
- 8.1.1. Exposure Limit Values Not regulated.
- 8.2. Control measures / Personal Protection
- 8.2.1. Recommended monitoring procedures None required.
- 8.2.2. Engineering measures None required.



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| 8.2.3. Hygiene measures | Wash hands, forearms, and face after handling chemical products, before eating, smoking or using the lavatory and at the end of the working period. |
| 8.2.4. Respiratory protection | None required. |
| 8.2.5. Eye protection | None required. |
| 8.2.6. Skin protection | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. This equipment may include, but is not limited to, impervious gloves. The breakthrough time of the selected protective glove(s) must be greater than the intended use period. |
| 8.2.7. Environmental exposure controls | None required. |

SECTION 9: Physical and chemical properties

| | | | |
|------------------|---------------|---|-----------|
| Form | Solid | Vapor Pressure | ND |
| Color | Brown | Relative vapor density | N/A |
| Odor | Mild | Relative density | >1 |
| Odor threshold | ND | Water solubility | Insoluble |
| pH | about 7 | Partition coefficient (n-octanol/water) | ND |
| Melting point | 149°F (65°C) | Auto-ignition temperature | ND |
| Boiling point | ND | Decomposition temperature | ND |
| Flash Point | 365°F (185°C) | Viscosity | N/A |
| Evaporation rate | N/A | Oxidizing | N/A |
| Flammable Limits | ND | Explosion Limits | ND |

SECTION 10: Stability and reactivity

| | |
|--|--|
| 10.1 Stability | The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur. |
| 10.2. Conditions to avoid | Stable under normal conditions. |
| 10.3. Materials to avoid | Keep away from food, drink and animal foodstuffs. |
| 10.4. Other hazards | Keep away from heat, sparks, and open flames. |
| 10.5. Hazardous decomposition products | Will not decompose if stored and used as recommended. If decomposition occurs, products may include the following materials: Carbon oxides |

SECTION 11: Toxicological information

| | | |
|---------------------------|------------------------|----|
| 11.1. Acute health hazard | Product: | |
| | Acute oral toxicity: | ND |
| | Acute dermal toxicity: | ND |



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11.2. Skin corrosion or irritation

Product:

Remarks: None expected, but may be irritating to skin in susceptible persons.

11.3. Serious eye damage or irritation

Product:

Remarks: None expected, but may be irritating to the eye in susceptible persons if direct contact occurs.

11.4. Respiratory or skin sensitization

Product:

Remarks: None expected.

11.5. Germ cell mutagenicity

Product:

Remarks: Not likely to have significant mutagenic effects based on components.

11.6. Carcinogenicity

Product:

Remarks: Not likely to be classifiable as a human carcinogen based on components.

11.7. Reproductive toxicity

Product:

Remarks: Not likely to have adverse effects on sexual function, fertility, and/or on development based on components.

11.8. STOT – single exposure

Product:

Remarks: None known, but irritation to skin and eyes is possible in susceptible persons.

11.9. STOT – repeated exposure

Product:

Remarks: None known, but irritation to skin and eyes is possible in susceptible persons.

11.10. Repeated dose toxicity

Product:

Remarks: None known.

11.11. Aspiration toxicity

Product:

Remarks: None known

11.12. Further information

Likely routes of exposure – skin and eye contact.

SECTION 12: Ecological information

12.1. Ecotoxicity

Product:

Remarks: No data available.

12.2. Persistence and degradability

Product:

Remarks: No data available.

12.3. Bioaccumulative

Product:



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|-----------------------------|--|
| potential | Remarks: No data available. |
| 12.4. Mobility in soil | Product: Remarks: No data available. |
| 12.5. Other adverse effects | Product: Remarks: No data available. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. |

SECTION 13: Disposal considerations

| | |
|----------------------|---|
| 13.1. Waste disposal | The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements. Avoid disposal of spilled material and runoff and contaminated soils in waterways, drains or sewers. Dispose of contaminated containers, soils, etc. in compliance with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements. Empty any remaining contents from packaging prior to disposal and dispose of as unused product. Do not reuse empty containers. |
|----------------------|---|

SECTION 14: Transport information

| | |
|---|------------------------|
| 14.1. UN number | Not Regulated |
| 14.2. UN proper shipping name | Not Regulated |
| 14.3. Transport hazard class | |
| International Carriage of Dangerous Good by Road/Rail | ADR/RID: Not Regulated |
| International Maritime Dangerous Goods | IMDG: Not Regulated |
| International Air Transport Association | IATA: Not Regulated |
| US Code of Federal Regulations | CFR: Not Regulated |
| Canadian Transportation of Dangerous Goods | TDG: Not Regulated |
| US Department of Transportation | DOT: Not Regulated |
| 14.4. Packing group | Not regulated |



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14.5. Environmental hazards Environmental hazards: No Marine pollutant: No

SECTION 15: Regulatory information

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|---|--|
| 15.1. OSHA Hazards | None |
| 15.2. CERCLA Reportable Quantity | Components CAS No. Component RQ Product RQ None |
| 15.3. SARA 314 Extremely Hazardous Substances Reportable Quantity | This material does not contain any components with section 314 EHS RQ. |
| 15.4. SARA 311/312 Hazards | None |
| 15.5. SARA Title III, Section 302 Reporting | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. |
| 15.6. SARA Title III, Section 313 Reporting | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313 |
| 15.7. Clean Air Act | The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61): None This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489): None |
| 15.8. Clean Water Act | The following Hazardous Substances are listed under the U.S. Clean Water Act, Section 311, Table 116.4A: None The following Hazardous Substances are listed under the U.S. Clean Water Act, Section 311, Table 117.3: None This product contains the following toxic pollutants listed under the U.S. Clean Water Act, Section 307: None |
| 15.9. US State Regulations | Massachusetts Right-To-Know None Pennsylvania Right-To-Know None New Jersey Right-To-Know None California Prop 65 This product contains no chemicals known to the State of California to cause cancer |



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or act as a reproductive hazard.

15.10. International Chemical Inventory Listing

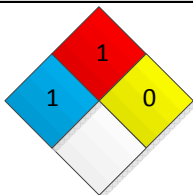
| | |
|---------------------|--|
| TSCA (US) | Yes (All components of this product are on US inventory) |
| DSL (Canada) | Yes (All components of this product are on Canadian inventory) |
| AICS (Australia) | Yes (On Australian inventory or in compliance with inventory) |
| ICS (New Zealand) | Yes (On New Zealand inventory or in compliance with inventory) |
| ENCS (Japan) | Yes (On Japanese inventory or in compliance with inventory) |
| ISHL (Japan) | Yes (On Japanese inventory or in compliance with inventory) |
| KECI (Korea) | Yes (On Korean inventory or in compliance with inventory) |
| PICCS (Philippines) | Yes (On Philippine inventory or in compliance with inventory) |
| IECSC (China) | Yes (On Chinese inventory or in compliance with inventory) |

15.11. WHMIS Hazard Classification (Canada)

None.

SECTION 16: Other information

16.1. NFPA



16.2. HMIS®

| | |
|---------------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | P |

Caution: HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on SDS's under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS ratings are to be used with a fully implemented HMIS program. HMIS is a registered mark of the National Paint & Coatings Association (NPCA). HMIS materials may be purchased exclusively from J.J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

16.3. Text of Risk phrases in Section 3

16.4. Text of Hazard statements in Section 3



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16.5. Notice to Reader

The information provided herein was believed by Denso North America (“Denso”) to be accurate at the time of preparation and prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by Denso are subject to Denso’s terms and conditions of sale. DENSO MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MECHANABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY DENSO, except that the product shall conform to Denso’s specifications. Nothing contained herein constitutes an offer for the sale of any product.

16.6. Key/Legend to abbreviations and acronyms used in the safety data sheet

| | |
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| ACGIH | American Conference Government Industrial Hygienists |
| AICS | Australia, Inventory of Chemical Substances |
| DSL | Canada, Domestic Substances List |
| NDSL | Canada, Non-Domestic Substances List |
| CAS | Chemical Abstract Service |
| CNS | Central Nervous System |
| EC50 | Effective Concentration 50% |
| EGEST | EOSCA Generic Exposure Scenario Tool |
| EOSCA | European Oilfield Specialty Chemicals Association |
| EINECS | European Inventory of Existing Chemical Substances |
| ENCS | Japan, Inventory Existing and New Chemical Substances |
| GHS | Global Harmonization System |
| IDLH | Immediately Dangerous for Life and Health Concentrations |
| IARC | International Agency for Research on Cancer |
| IC50 | Inhibition Concentration 50% |
| IECSC | Inventory of Existing Chemical Substances in China |
| KECI | Korea, Existing Chemical Inventory |
| LC50 | Lethal Concentration 50% |
| LD50 | Lethal Dose 50% |
| LOAEL | Lowest Observed Adverse Effect Level |
| MAK | Germany Maximum Concentration Values |
| N/A | Not Applicable |
| ND | Not Determined |
| NFPA | National Fire Protection Agency |
| NIOSH | National Institute for Occupational Safety & Health |
| NOAEL | No Observable Adverse Effect Level |
| NOEC | No Observed Effect Concentration |
| NTP | National Toxicology Program |
| NZIoC | New Zealand Inventory of Chemicals |
| OSHA | Occupational Safety & Health Administration |
| PEL | Permissible Exposure Limit |
| PICCS | Philippines Inventory Commercial Chemical Substances |



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PRNT Presumed Not Toxic
RCRA Resource Conservation Recovery Act
SARA Superfund Amendments and Reauthorization Act
STEL Short-Term Exposure Limit
TLV Threshold Limit Value
TSCA Toxic Substance Control Act
TWA Time Weighted Average
UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
WHMIS Workplace Hazardous Materials Information System

16.7. Prepared by

Denso EH & S Department

16.8. Telephone

1 (416) 291-3435 Corporate
1 (613) 996-6666 Emergency (24 hour)