



## SAFETY DATA SHEET

### Denso Butyl 35 Tape

This SDS is not mandated under OSHA Hazard Communication Standard 29 CFR §1910.1200 and is provided for information only.

#### 1. Identification

##### Product identifier

**Product name** Denso Butyl 35 Tape

##### Recommended use of the chemical and restrictions on use

**Application** Part of a corrosion protection system.

**Uses advised against** No specific uses advised against are identified.

##### Details of the supplier of the safety data sheet

**Supplier** Denso (Australia) Pty Ltd  
77 - 95 National Boulevard  
Campbellfield, Vic 3061  
Australia

Denso (New Zealand) Pty Ltd:  
PO Box 76167, Manakau City, Auckland, New Zealand

**Emergency telephone number** +61 3 9356 7600

**Emergency telephone** 13 11 26 Poisons Information Line (Australia), 0800 764 766 (New Zealand Poisons Center)

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Not Hazardous under the OSHA Hazard Communication Standard.

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

##### Label elements

**Hazard statements** NC Not Classified

**Labeling notes** As supplied, this product does not meet the requirements for labeling.

##### Other hazards

This product does not contain any substances classified as PBT or vPvB.

#### 3. Composition/information on ingredients

##### Mixtures

**Composition comments** This product does not contain any hazardous ingredients, or ingredients with national workplace exposure limits.

#### 4. First-aid measures

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### Description of first aid measures

|                                   |   |
|-----------------------------------|---|
| <b>General information</b>        | Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.  |
| <b>Inhalation</b>                 | Due to the physical nature of this product, exposure by this route is unlikely. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.  |
| <b>Ingestion</b>                  | Due to the physical nature of this product, it is unlikely that ingestion will occur. IF SWALLOWED: Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. Never give anything by mouth to an unconscious person. |
| <b>Skin Contact</b>               | Wash skin thoroughly with soap and water.   |
| <b>Eye contact</b>                | Due to the physical nature of this product, exposure by this route is unlikely. IF IN EYES: Remove any contact lenses and open eyelids wide apart. Rinse with water. Do not rub eye.  |
| <b>Protection of first aiders</b> | First aid personnel should wear appropriate protective equipment during any rescue.   |

### Most important symptoms and effects, both acute and delayed

|                            |   |
|----------------------------|---|
| <b>General information</b> | The product is considered to be a low hazard under normal conditions of use. See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| <b>Inhalation</b>          | No specific symptoms known. Harmful dust may be released during cutting or grinding process. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.   |
| <b>Ingestion</b>           | No specific symptoms known. May cause discomfort if swallowed. May cause suffocation.   |
| <b>Skin contact</b>        | Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.   |
| <b>Eye contact</b>         | Particles in the eyes may cause irritation and smarting.  |

### Indication of immediate medical attention and special treatment needed

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically.         |
| <b>Specific treatments</b>  | No special treatment required. |

## 5. Fire-fighting measures

### Extinguishing media

|                                       |  |
|---------------------------------------|--|
| <b>Suitable extinguishing media</b>   | The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. |
| <b>Unsuitable extinguishing media</b> | Do not use water jet as an extinguisher, as this will spread the fire.   |

### Special hazards arising from the substance or mixture

|                                      |  |
|--------------------------------------|--|
| <b>Specific hazards</b>              | None known.  |
| <b>Hazardous combustion products</b> | Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Oxides of nitrogen. Hydrocarbons. |

### Advice for firefighters

|   |   |
|---|---|
| <b>Protective actions during firefighting</b> | Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. |
|---|---|

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**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

#### Environmental precautions

**Environmental precautions** The product is not expected to be hazardous to the environment. Insoluble in water. Aquatic toxicity is unlikely to occur. However, large or frequent spills may have hazardous effects on the environment. Collect spillage. Avoid discharge to the aquatic environment.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Do not empty into drains. Dispose of contents/container in accordance with national regulations.

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Do not handle until all safety precautions have been read and understood.

**Advice on general occupational hygiene** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store away from incompatible materials (see Section 10). Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**Storage class** Unspecified storage.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

### 8. Exposure controls/Personal protection

#### Exposure controls

##### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation. Harmful dust may be released during cutting or grinding process. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust. Observe any occupational exposure limits for the product or ingredients.

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|  |  |
|--|--|
| <b>Eye/face protection</b>             | No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with OSHA 1910.133. Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.   |
| <b>Hand protection</b>                 | No specific requirements are anticipated under normal conditions of use. Prolonged and frequent contact may cause redness and irritation. For users with sensitive skin, it is recommended that suitable protective gloves are worn.   |
| <b>Hygiene measures</b>                | Good personal hygiene procedures should be implemented. When using do not eat, drink or smoke.   |
| <b>Respiratory protection</b>          | Respiratory protection not required. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Harmful dust may be released during cutting or grinding process. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a suitable dust mask. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. |
| <b>Environmental exposure controls</b> | Not regarded as dangerous for the environment.   |

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

|  |   |
|--|---|
| <b>Appearance</b>                      | Solid.  |
| <b>Color</b>                           | White. Black.   |
| <b>Odor</b>                            | Characteristic.   |
| <b>Odor threshold</b>                  | Not determined.   |
| <b>pH</b>                              | Not relevant. The product is insoluble in water.            |
| <b>Melting point</b>                   | Not determined.   |
| <b>Initial boiling point and range</b> | Not determined.   |
| <b>Flash point</b>                     | Not determined.   |
| <b>Evaporation rate</b>                | Not relevant. The product is non-volatile.                  |
| <b>Vapor pressure</b>                  | Not relevant. The product is non-volatile.                  |
| <b>Vapor density</b>                   | Not relevant. The product is non-volatile.                  |
| <b>Relative density</b>                | > 1   |
| <b>Solubility(ies)</b>                 | Insoluble in water.   |
| <b>Partition coefficient</b>           | Not determined.   |
| <b>Auto-ignition temperature</b>       | Not determined.   |
| <b>Decomposition Temperature</b>       | Not determined.   |
| <b>Viscosity</b>                       | Technically not feasible. Solid.                            |
| <b>Explosive properties</b>            | Not considered to be explosive.                             |
| <b>Oxidizing properties</b>            | Does not meet the criteria for classification as oxidizing. |

### 10. Stability and reactivity

## Denso Butyl 35 Tape

|   |  |
|---|--|
| <b>Reactivity</b>                         | There are no known reactivity hazards associated with this product.  |
| <b>Stability</b>                          | Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.  |
| <b>Possibility of hazardous reactions</b> | No potentially hazardous reactions known.  |
| <b>Conditions to avoid</b>                | There are no known conditions that are likely to result in a hazardous situation.  |
| <b>Materials to avoid</b>                 | None known.  |
| <b>Hazardous decomposition products</b>   | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Oxides of nitrogen. Hydrocarbons. |

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Information given is applicable to the product as supplied. The product is considered to be a low hazard under normal conditions of use.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

#### Respiratory sensitization

**Respiratory sensitization** Based on available data the classification criteria are not met.

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

#### **IARC carcinogenicity**

The product is not believed to present a hazard due to its physical nature. None of the ingredients are listed or exempt.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

#### **Reproductive toxicity - development**

Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

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**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

**Aspiration hazard**

**Aspiration hazard** Not relevant. Solid.

**General information**

The product is considered to be a low hazard under normal conditions of use. No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**

No specific symptoms known. Harmful dust may be released during cutting or grinding process. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

**Ingestion**

No specific symptoms known. May cause discomfort if swallowed. May cause suffocation.

**Skin Contact**

Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

**Eye contact**

Particles in the eyes may cause irritation and smarting.

**Route of exposure**

Dermal Inhalation Harmful dust may be released during cutting or grinding process.

**Target Organs**

No specific target organs known.

### 12. Ecological information

**Ecotoxicity**

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

**Toxicity**

The product is not believed to present a hazard due to its physical nature.

**Persistence and degradability**

**Persistence and degradability** The degradability of the product is not known.

**Bioaccumulative potential**

**Bio-Accumulative Potential** No data available on bioaccumulation.

**Partition coefficient**

Not determined.

**Mobility in soil**

**Mobility**

The product is insoluble in water.

**Other adverse effects**

**Other adverse effects** None known.

### 13. Disposal considerations

**Waste treatment methods**

**General information**

Not regulated. The generation of waste should be minimized or avoided wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

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**Disposal methods** Not regarded as a health or environmental hazard under current legislation. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

#### UN Number

**UN No. (International)** Not applicable.

**UN No. (DOT)** Not applicable.

#### UN proper shipping name

**Proper shipping name (International)** Not applicable.

**Proper shipping name (DOT)** Not applicable.

#### Transport hazard class(es)

**Transport Labels (International)** No transport warning sign required.

#### DOT transport labels

No transport warning sign required.

#### Packing group

**Packing group (International)** Not applicable.

**DOT packing group** Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

No.

#### Special precautions for user

Not applicable.

**DOT reportable quantity** Not applicable.

**DOT TIH Zone** Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

#### US Federal Regulations

##### **SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

None of the ingredients are listed or exempt.

##### **CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

None of the ingredients are listed or exempt.

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### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are listed or exempt.

### **SARA 313 Emission Reporting**

None of the ingredients are listed or exempt.

### **CAA Accidental Release Prevention**

None of the ingredients are listed or exempt.

### **FDA - Essential Chemical**

None of the ingredients are listed or exempt.

### **FDA - Precursor Chemical**

None of the ingredients are listed or exempt.

### **SARA (311/312) Hazard Categories**

None of the ingredients are listed or exempt.

### **OSHA Highly Hazardous Chemicals**

None of the ingredients are listed or exempt.

### **US State Regulations**

#### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

#### **California Air Toxics "Hot Spots" (A-I)**

None of the ingredients are listed or exempt.

#### **California Air Toxics "Hot Spots" (A-II)**

None of the ingredients are listed or exempt.

#### **California Directors List of Hazardous Substances**

None of the ingredients are listed or exempt.

#### **Massachusetts "Right To Know" List**

None of the ingredients are listed or exempt.

#### **Rhode Island "Right To Know" List**

None of the ingredients are listed or exempt.

#### **Minnesota "Right To Know" List**

None of the ingredients are listed or exempt.

#### **New Jersey "Right To Know" List**

None of the ingredients are listed or exempt.

#### **Pennsylvania "Right To Know" List**

None of the ingredients are listed or exempt.

### **Inventories**

#### **US - TSCA**

None of the ingredients are listed or exempt.

#### **US - TSCA 12(b) Export Notification**

None of the ingredients are listed or exempt.

### **16. Other information**



## Denso Butyl 35 Tape

|   |   |
|---|---|
| <b>Abbreviations and acronyms used in the safety data sheet</b> | <p>TDG: The transport of dangerous goods act</p> <p>IATA: International air transport association.</p> <p>ICAO: Technical instructions for the safe transport of dangerous goods by air.</p> <p>IMDG: International maritime dangerous goods.</p> <p>CAS: Chemical abstracts service.</p> <p>ATE: Acute toxicity estimate.</p> <p>LC<sub>50</sub>: Lethal concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal dose to 50% of a test population (median lethal dose).</p> <p>EC<sub>50</sub>: 50% of maximal effective concentration.</p> <p>PBT: Persistent, bioaccumulative and toxic substance.</p> <p>vPvB: Very persistent and very bioaccumulative.</p> |
| <b>General information</b>                                      | <p>This SDS is not mandated under OSHA Hazard Communication Standard 29 CFR §1910.1200 and is provided for information only. As supplied, this product does not meet the requirements for labeling.</p>   |
| <b>Training advice</b>  | <p>Read and follow manufacturer's recommendations. Only trained personnel should use this material.</p>   |
| <b>Issued by</b>  | <p>HS&amp;E Manager.</p>  |
| <b>Revision date</b>  | <p>4/28/2020</p>  |
| <b>Revision</b>   | <p>3</p>  |
| <b>Supersedes date</b>  | <p>10/3/2019</p>  |
| <b>SDS No.</b>  | <p>5272</p>   |

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