



**SAFETY DATA SHEET**  
**Denso Profiling Mastic (NA)**

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

**1. Identification**

**Product identifier**

**Product name** Denso Profiling Mastic (NA)

**Product number** 300001C

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

**Application** Sealant.

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

**Details of the supplier of the safety data sheet**

**Supplier** Denso North America Inc.  
 9710 Telge Road  
 Houston, TX 77095  
 +1-281-821-3355  
 +1-281-821-0304  
 info@densona.com

**Emergency telephone number**

**Emergency telephone** 1-801-629-0667

**2. Hazard(s) identification**

**Classification of the substance or mixture**

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Label elements**

**Hazard statements** NC Not Classified

**Other hazards**

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

**3. Composition/information on ingredients**

**Mixtures**

<b>Proprietary Filler A</b>	<b>30-60%</b>
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CAS number: Proprietary

**Classification**

Not Classified

## Denso Profiling Mastic (NA)

<b>Proprietary Hydrocarbon B</b>	<b>5-10%</b>
CAS number: Proprietary	
<b>Classification</b>	
Asp. Tox. 1 - H304	

The full text for all hazard statements is displayed in Section 16.

**Composition comments**            The exact percentage/concentration is withheld as a trade secret in accordance with 29 CFR 1910.1200.

### 4. First-aid measures

#### Description of first aid measures

<b>General information</b>	Get medical advice/attention if you feel unwell. If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	No specific recommendations. Unlikely to be hazardous by inhalation because of the low vapor pressure of the product at ambient temperature. If throat irritation or coughing persists, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Maintain an open airway. Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.
<b>Ingestion</b>	No specific recommendations. Due to the physical nature of this product, it is unlikely that ingestion will occur. May cause suffocation. If throat irritation or coughing persists, proceed as follows. Rinse mouth. Get medical attention if any discomfort continues. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person.
<b>Skin Contact</b>	No specific recommendations. Wash skin thoroughly with soap and water. Do not use organic solvents. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Due to the physical nature of this product, exposure by this route is unlikely. Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 10 minutes. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	No specific requirements are anticipated under normal conditions of use. Use protective equipment appropriate for surrounding materials. 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 severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known. May cause discomfort if swallowed. May cause suffocation.
<b>Skin contact</b>	Prolonged contact may cause dryness of the skin.
<b>Eye contact</b>	No specific symptoms known. May be slightly irritating to eyes.

#### 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.

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### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** 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.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** None known.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. Hydrocarbons. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### Advice for firefighters

**Protective actions during firefighting** 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.

**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** No specific recommendations. For personal protection, see Section 8. No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery. Follow precautions for safe handling described in this safety data sheet. Ensure procedures and training for emergency decontamination and disposal are in place.

#### Environmental precautions

**Environmental precautions** Insoluble in water. Aquatic toxicity is unlikely to occur. Collect and dispose of spillage as indicated in Section 13.

#### 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. Reuse or recycle products wherever possible. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations. For waste disposal, see Section 13.

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. 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.

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### Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Change work clothing daily before leaving workplace.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep only in the original container in a cool, 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

### Control parameters

#### Occupational exposure limits

##### Proprietary Filler A

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m<sup>3</sup> respirable fraction

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A4, A4, A4, A4

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m<sup>3</sup> respirable fraction

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Long-term exposure limit (8-hour TWA): OSHA 15 mg/m<sup>3</sup> total dust

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ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

OSHA = Occupational Safety and Health Administration.

### **Ingredient comments**

Due to the physical nature of this product, exposure by this route is unlikely. No dust formed during normal use.

### Exposure controls

#### Protective equipment



### **Appropriate engineering controls**

Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants.

### **Eye/face protection**

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.

## Denso Profiling Mastic (NA)

<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
<b>Other skin and body protection</b>	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
<b>Hygiene measures</b>	Good personal hygiene procedures should be implemented. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn.
<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>	Soft. Solid.
<b>Color</b>	Brownish.
<b>Odor</b>	Odorless.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Scientifically unjustified. Highly insoluble in water.
<b>Melting point</b>	Not determined. 80°C
<b>Initial boiling point and range</b>	Not relevant.
<b>Flash point</b>	Not relevant.
<b>Evaporation rate</b>	Not relevant.
<b>Evaporation factor</b>	Not relevant.
<b>Flammability (solid, gas)</b>	Not available.
<b>Vapor pressure</b>	Not relevant.
<b>Vapor density</b>	Not relevant.
<b>Relative density</b>	0.6 (Water = 1 @ 20 C)
<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 available.
<b>Viscosity</b>	Not determined.

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<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

<b>Reactivity</b>	Stable at normal ambient temperatures and when used as recommended.
<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. Avoid the following conditions: Heat, sparks, flames.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
<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.

### 11. Toxicological information

#### Information on toxicological effects

<b>Toxicological effects</b>	Not regarded as a health hazard under current legislation.
<b><u>Acute toxicity - oral</u></b> <b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Acute toxicity - dermal</u></b> <b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Acute toxicity - inhalation</u></b> <b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Skin corrosion/irritation</u></b> <b>Animal data</b>	Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b> <b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Respiratory sensitization</u></b> <b>Respiratory sensitization</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitization</u></b> <b>Skin sensitization</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b> <b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b> <b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b>IARC carcinogenicity</b>	None of the ingredients are listed or exempt.
<b><u>Reproductive toxicity</u></b>	

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**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**

**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**

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.

**Ingestion**

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

**Skin Contact**

Prolonged contact may cause dryness of the skin.

**Eye contact**

No specific symptoms known. May be slightly irritating to eyes.

**Route of exposure**

Ingestion Inhalation Skin and/or eye contact

**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**

Based on available data the classification criteria are not met.

**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**

## Denso Profiling Mastic (NA)

**General information** 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. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Reuse or recycle products wherever possible.

**Disposal methods** Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible.

### 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

## Denso Profiling Mastic (NA)

### 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.

#### **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**

The following ingredients are listed or exempt:

*Proprietary Filler A*

*Proprietary Solvent A*

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

The following ingredients are listed or exempt:

*Proprietary Filler A*

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

The following ingredients are listed or exempt:

*Proprietary Filler A*

## Denso Profiling Mastic (NA)

### New Jersey "Right To Know" List

The following ingredients are listed or exempt:

*Proprietary Filler A*

### Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

*Proprietary Filler A*

### Inventories

#### US - TSCA

The following ingredients are listed or exempt:

*Proprietary Filler A*

*Proprietary Hydrocarbon B*

*Proprietary Hydrocarbon A*

*Proprietary Solvent A*

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

None of the ingredients are listed or exempt.

### 16. Other information

#### Abbreviations and acronyms used in the safety data sheet

TDG: The transport of dangerous goods act

IATA: International air transport association.

ICAO: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International maritime dangerous goods.

CAS: Chemical abstracts service.

ATE: Acute toxicity estimate.

LC<sub>50</sub>: Lethal concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal dose to 50% of a test population (median lethal dose).

EC<sub>50</sub>: 50% of maximal effective concentration.

PBT: Persistent, bioaccumulative and toxic substance.

vPvB: Very persistent and very bioaccumulative.

#### Training advice

Only trained personnel should use this material.

#### Issued by

HS&E Manager.

#### Revision date

4/27/2020

#### Revision

2

#### Supersedes date

2/10/2020

#### SDS No.

5344

#### Hazard statements in full

H304 May be fatal if swallowed and enters airways.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.