

1. IDENTIFICATION SUBSTANCE / PREPARATION OF THE & COMPANY

PRODUCT NAME: Denso Hi-Tack Primer
RECOMMENDED USE: Rust preventative primer.
COMPANY: DENSO (AUSTRALIA) PTY LTD
REGULAR TELEPHONE NUMBER: +61 3 9356 7600
EMERGENCY TELEPHONE NUMBER: **POISONS INFORMATION LINE: 13 11 26 (Australia)**
NZ POISONS CENTER: 0800 764 766 (New Zealand)
+61 3 9356 7616 or +61 402 867 141
FACSIMILE NUMBER: +61 3 9356 7699
ADDRESS: 77-95 National Boulevard, Campbellfield, VIC 3061, AUSTRALIA
PO Box 76167, Manakau City, Auckland, NEW ZEALAND

2. HAZARDS IDENTIFICATION

Classified as hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS).

Classified as hazardous according to Safe Work Australia.

Classified as hazardous according to the criteria of the New Zealand HSNO legislation. EPA Approval number: HSR002662
Surface Coatings and Colourants (Flammable) Group Standard 2017.

Classified as Dangerous Goods according to Australian Code for the Transport Dangerous Goods by Road and Rail

LABELLING INFORMATION

UN Number: 1263, PAINT ADG Code: Class 3, Flammable.

GHS Hazard Statements:**GHS02 Flame****GHS07 Health Hazards****GHS09 Environment**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H350 May cause cancer.

H361d Suspected damaging unborn child.

H411 Toxic to aquatic life with long lasting effects.

GHS Signal word: WARNING**Precaution Statements:****Prevention:**

P210: Keep away from heat, sparks, open flames, hot surfaces – no smoking.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharges.

P260: Do not breathe vapour or spray.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/ eye/face protection.

Response:

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with

water/shower.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P370+P378: In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P391: Collect spillage.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local/national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT CONTAINS:	CAS NUMBER:	CONCENTRATION (w/w) %:	CLASSIFICATION
Hydrocarbons, C9, aromatics	64742-95-6	10-30%	Flam. Liq. 3 – H266 STOT SE 3 – H335, H336 Asp. Tox. 1 – H304 Aquatic Chronic 2 – H411
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	10-30%	Asp. Tox. 1 – H304

4. FIRST AID MEASURES

GENERAL ADVICE:	Consult a physician if you feel unwell. Show this safety data sheet to the doctor in attendance.
SKIN CONTACT	Rinse with water.
EYE CONTACT	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.
INHALATION	Remove victim from exposure – avoid becoming a causality. Remove contaminated person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. 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.
INGESTION	Rinse mouth thoroughly with water. Remove any dentures. 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. 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. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

SYMPTOMS CAUSED BY EXPOSURE:

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.

Inhalation: A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Difficulty in breathing. Coughing. Vapours may cause headache, fatigue, dizziness and nausea. Central nervous system depression. During application and drying, solvent vapours will be emitted. Vapours in high concentrations are narcotic.

Ingestion: Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may

cause chemical pneumonitis.

Skin contact: Prolonged contact may cause dryness of the skin. Discoloration of the skin.

Eye contact: May cause temporary eye irritation.

MEDICAL ATTENTION AND SPECIAL TREATMENT:

Treat symptomatically.

First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

5. FIREFIGHTING MEASURES

EXTINGUISHING

The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

MEDIA

DO NOT USE

Water jet.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Containers can burst violently or explode when heated, due to excessive pressure build-up. Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Vapours may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard.

Thermal decomposition may release harmful gases or vapours.

Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. 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.

ADVISE FOR FIRE-FIGHTERS

If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

HAZCHEM CODE

•3Y

6. ACCIDENTAL RELEASE

PERSONAL PRECAUTIONS

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Avoid inhalation of vapours and spray/mists. Use suitable respiratory protection if ventilation is inadequate.

ENVIRONMENTAL PRECAUTIONS

Immiscible with water. Aquatic toxicity is unlikely to occur. However, large or frequent spills may have hazardous effects on the environment. Absorb spillage with non-combustible, absorbent material. Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

METHOD OF CLEANING

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No

Denso Hi-Tack Primer

smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Approach the spillage from upwind. Contain and absorb spillage with sand, earth or other non-combustible material. Use only non-sparking tools. Place waste in labelled, sealed containers. Clean contaminated objects and areas thoroughly, observing environmental regulations. The contaminated absorbent may pose the same hazard as the spilled material. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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

HANDLING

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. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. In use may form flammable/explosive vapour-air mixture. Vapours may accumulate on the floor and in low-lying areas. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers. Wash promptly if skin becomes contaminated. Take off contaminated clothing.

Wash contaminated clothing before reuse. 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.

STORAGE

Store away from incompatible materials (see Section 10). Store in accordance with local regulations. Eliminate all sources of ignition. Take precautionary measures against static discharges. Earth container and transfer equipment to eliminate sparks from static electricity. Keep away from oxidising materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well-ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE LIMITS

No data available for product.

BIOLOGICAL LIMIT VALUES

Not allocated.

ENGINEERING CONTROLS

Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure.

Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilating equipment.

RESPIRATORY PROTECTION	If engineering controls are not effective in controlling airborne exposure, then approved respirator with replaceable mist filter suitable for organic vapours should be used. Reference should be made to Australian/New Zealand standards AS/NZ 1715 and 1716 in order to make any necessary changes to individual circumstances.
SKIN PROTECTION	Wear suitable chemical resistant gloves, overalls and enclosed footwear.
EYE/FACE PROTECTION	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 Australian Standards 1337 and 1336. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.
OTHER	Take precautionary measures against static discharges.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid	EXPLOSION LIMITS	Not available
COLOUR (S)	Brown	VAPOUR PRESSURE	Not available
ODOUR	Aromatic hydrocarbon	VAPOUR DENSITY	Not available
ODOUR THRESHOLD	Not available	RELATIVE DENSITY	0.9
MELTING POINT	Not available	SOLUBILITY (@25°C)	Insoluble in water
BOILING POINT	Not available	PARTITION COEFFICIENT: n-octanol/water	Not relevant
pH	Not relevant. Insoluble in water.	AUTO-IGNITION TEMPERATURE	Not available
FLASH POINT	40°C approx.	DECOMPOSITION TEMPERATURE	Not available
EVAPORATION RATE	Not available	VISCOSITY	> 20.5 mm ² /s
FLAMMABILITY (in air, % vol)	Not available		

10. STABILITY AND REACTIVITY

REACTIVITY	Avoid sparks, flames, heat and sources of ignition.
CHEMICAL STABILITY	Flammable. Thermally stable when stored and used as directed.
CONDITIONS TO AVOID	Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Static electricity and formation of sparks must be prevented. Do not pressurise, cut, weld, drill, grind or otherwise expose containers to heat or sources of ignition.
MATERIALS TO AVOID	Oxidising agents. Acids – oxidising.
HAZARDOUS DECOMPOSITION PRODUCTS	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
HAZARDOUS POLYMERISATION	No data available.

Denso Hi-Tack Primer

11. TOXICOLOGICAL INFORMATION

TOXICOLOGY INFORMATION	No data available.
POSSIBLE ROUTES OF EXPOSURE	Ingestion, Inhalation Skin and/or eye contact
GERM CELL MUTAGENICITY CARCINOGENICITY	Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. None of ingredients are listed or exempt by IARC.
REPRODUCTIVE TOXICITY STOT-SINGLE EXPOSURE	Based on available data the classification criteria are not met. STOT SE 3 – H335, H336 May cause respiratory irritation. May cause drowsiness or dizziness. Target organs: respiratory system, lungs and central nervous system.
STOT-REPEATED EXPOSURE	Not classified as a specific target organ toxicant after repeated exposure.
SYMPTOMS/EFFECTS BOTH ACUTE AND DELAYED	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Difficulty in breathing. Coughing. Vapours may cause headache, fatigue, dizziness and nausea. Central nervous system depression. During application and drying, solvent vapours will be emitted. Vapours in high concentrations are narcotic.

Ingestion: Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

Skin contact: Prolonged contact may cause dryness of the skin. Discoloration of the skin.

Eye contact: May cause temporary eye irritation.

12. ECOLOGICAL INFORMATION

ECO-TOXICITY	Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY	No data available
MOBILITY	Insoluble in water.
BIO-ACCUMULATIVE POTENTIAL	No data available
ENVIRONMENTAL PROTECTION	Prevent this material from entering waterways, drains and sewers.

Denso Hi-Tack Primer

13. DISPOSAL CONSIDERATIONS

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products 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. Empty containers or liners may retain some product residues and hence be potentially hazardous.

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, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible. Vapour from residual product may create a highly flammable or explosive atmosphere inside the container. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not cut or weld used containers unless they have been thoroughly cleaned internally.

14. TRANSPORT INFORMATION

This product is a Class 3 Flammable liquid according to the Australian code for the Transportation of Dangerous Goods by Road and Rail (ADG Code).

SPECIAL PRECAUTIONS IN CARRIAGE:	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
UN No (ADG/IMDG/IATA):	1263
PROPER SHIPPING NAME No (ADG/IATA):	PAINT
PROPER SHIPPING NAME (IMDG):	PAINT (CONTAINS Hydrocarbons, C9, aromatics (<0.1% benzene))
CLASS (ADG/IMDG/IATA):	3
HAZCHEM CODE:	•3Y
PACKING GROUP (ADG/IMDG/IATA):	III
IMDG EmS Code:	F-E, S-E
MARINE POLLUTANT:	YES

For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

15. REGULATORY INFORMATION

REGULATORY INFORMATION	Classified as hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS). Classified as hazardous according to Safe Work Australia.
AICS (AUSTRALIA) SCHEDULE	On Australian inventory or in compliance with inventory.
NZIoC (NEW ZEALAND) SCHEDULE	On New Zealand inventory or in compliance with inventory.
EPA NZ Approval number:	Classified as hazardous according to the criteria of the New Zealand HSNO legislation. EPA Approval number: HSR002662 Surface Coatings and Colourants (Flammable) Group Standard 2017. HSNO classification: 3.1B, 6.3A, 6.9B, 9.1B.

Note: Actual label may not be as above if product was supplied some time previously or labelling is in transition period.

16. OTHER INFORMATION**Date reviewed:** 18 January 2023**Supersedes:** 18 January 2018**Acronyms**

ADG	Australian Dangerous Goods	IATA	International Air Transport Association
ACGIH	American Conference of Governmental Industrial Hygienists	IMDG	International Maritime Dangerous Goods
AICS	Australian Inventory of Chemical Substances	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
HSNO	Hazardous Substances New Organisms	STOT	Specific target organ toxicity
GHS	Globally harmonised system	TWA	Time-weighted average
IARC	International Agency for Research on Cancer	TLV	Threshold limit value

Denso Australia Pty Ltd and the Winn & Coales Ltd group of companies have not provided authority to any other party to make available, store on a database or make representations in such matters on their behalf. All requests with regards to information in matters discussed herein should be directly forwarded to Denso (Australia) Pty Ltd.

This information is based on data believed by DENSO (AUSTRALIA) PTY LTD to be accurate at the time of writing but is subject to change without notice. It is given in good faith, but no warrant expressed or implied is made as to its accuracy, completeness or otherwise.

Every person dealing with the materials referred to herein do so at his/her own risk absolutely and must make independent determination of suitability and completeness of information from all sources to ensure their proper use.

- End of Safety Data Sheet -