

Date of issue: 16 September 2022
Revised by: Simonne Moses - HSNO Consultant SDS No: 1

Safety Data Sheet

Instant Shine Aerosol

Classified as: Hazardous according to the EPA Hazardous Substances
(Hazard Classifications) Notice 2020.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: Instant Shine Aerosol

Supplier: PureWax Ltd
Unit 14, 88 Hobsonville Road
Hobsonville
Auckland 0618
New Zealand

Phone: 0800 PUREWX (787 399)

Recommended Use: Protective coating

In Case of Emergency Contact:

CHEMCALL: 0800 CHEMCALL (243 622)

Section 2: HAZARDS IDENTIFICATION

This product is classified as a Dangerous Good for Transport.

This product is classified as hazardous according to criteria in the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

HSNO APPROVAL NUMBER: **HSR002517**

HSNO CLASSIFICATIONS: 2.1.2A Flammable aerosol
6.1E Aspiration hazard
6.3A Skin irritant
6.4A Eye irritant
6.6A Known or presumed human mutagen
6.7A Known or presumed human carcinogen
6.8B Suspected of damaging fertility or the unborn child
6.9A Toxic to human target organs or systems, repeated exposure
9.1C Harmful in the aquatic environment, chronic

GHS Classification: Aerosol – Category 1
Skin irritation – Category 2
Eye irritation – Category 2
Germ cell mutagenicity – Category 1
Carcinogenicity – Category 1
Reproductive toxicity – Category 2
Specific target organ toxicity, repeated exposure – Category 1
Aspiration hazard – Category 1
Harmful to the aquatic environment, chronic – Category 3

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Hazard Statements: H222 Extremely flammable aerosol
H229 Pressurised container: may burst if heated
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H319 Causes serious eye irritation
H340 May cause genetic defects
H350 May cause cancer
H361 Suspected of damaging fertility or the unborn child
H372 Causes damage to organs (central nervous system) through prolonged or repeated exposure via inhalation.
H412 Harmful to aquatic life with long-lasting effects

GHS Pictograms:



DANGER

PREVENTION STATEMENTS:

- P201 – Obtain special instructions before use.
- P202 – Do not handle until all safety instructions have been read and understood.
- P210 – Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- P211 – Do not spray on an open flame or other ignition source.
- P251 – Do not pierce or burn, even after use.
- P260 – Do not breathe spray/vapours/fumes/mist.
- P264 – Wash hands, exposed skin, thoroughly after handling.
- P270 – Do not eat, drink, or smoke, when using this product.
- P273 – Avoid release to the environment.
- P280 - Wear protective gloves, protective clothing, eye protection, face protection.

RESPONSE STATEMENTS:

- P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
- P331 – Do NOT induce vomiting.
- P302 + P352 – IF ON SKIN: Wash with plenty of water.
- P321 – Specific treatment (refer to first aid instructions on label).
- P362 + P364 – Take of contaminated clothing and wash it before reuse.
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P332 + P337 + P308 + P313 – If skin irritation occurs, or eye irritation persists, or if exposed or concerned: Get medical advice/attention.

STORAGE:

- P405 – Store locked up.
- P410 + P412 – Protect from sunlight. Do not expose to temperatures exceeding 50°C.

DISPOSAL:

- P501 - In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Do not incinerate. Dispose of via an approved waste disposal contractor. Refer to Section 13 of the SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture: Protective coating

Main Component	CAS Number	Concentration (% wt)
Butane	106-97-8	20 - 40%
Propane	74-98-6	20 - 40%
Naphtha (petroleum), hydrotreated light	64742-49-0	20 - 40%
n-Hexane	110-54-3	10 - 20%
Acetone	67-64-1	2.5 - 10%
Polydimethylsiloxane	63148-62-9	2.5 - 10%
Cyclohexane	110-82-7	0.1 - 1%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required:	Shower and eyewash facilities should be provided.
If Inhaled:	Remove to fresh air. Seek medical attention if drowsiness or dizziness occurs.
In Contact with Eye:	Hold eyes open, flush with water for at least 15 minutes. Seek medical attention if irritation develops and persists.
In Contact with Skin:	Wash skin with plenty of water. Seek medical attention if skin irritation develops and persists.
If Swallowed:	DO NOT INDUCE VOMITING. Seek immediate medical attention. Rinse mouth. If vomiting occurs, keep head below hips to prevent aspiration to lungs.
Advice to Doctor:	Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard:	Product is an extremely flammable aerosol. Fire-heated containers may become pressurised and burst.
Suitable Extinguishing Media:	Use water fog, foam, carbon dioxide, or powder to extinguish. Do not use water jet as this will spread the fire.
Precautions in Connection with Fire:	Aerosol cans may explode when heated. Thermal decomposition may produce toxic fumes containing oxides of carbon and other toxic gases.
Advice for firefighters:	Remove aerosol cans from path of fire if safe to do so. Cool fire-exposed aerosol cans with water spray. Wear full firefighting gear and self-contained breathing apparatus. Avoid breathing fumes.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan complying with Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 is required when quantities exceed 3,000L aggregate water capacity.

Precautions:	Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Remove all ignition sources. Avoid release to waterways. Avoid inhalation of spray. Avoid contact with skin and eyes.
Suitable Protective Equipment:	Emergency responders must use personal protective equipment, including respiratory protection, gloves, protective clothing, and safety glasses with side shields or safety goggles.
Spill or Leak Procedures.	Remove aerosol can to an open area, away from ignition sources and combustible materials, where it can discharge safely. Any liquid spill can be absorbed with inert, non-combustible material. Place contaminated absorbent material in a labelled waste container for disposal.
Waste Disposal Methods:	Dispose of as per Section 13.
Emergency preparation:	Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin and eyes. Do not breathe aerosol spray. Use in a well-ventilated area or outdoors. Do not use if spray button is missing or defective. Do not use near ignition sources or hot surfaces. Do not puncture or cut aerosol can. Do not eat, drink, or smoke, when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.
Storage:	Store locked up. Keep out of direct sunlight. Keep away from ignition sources and combustible materials. Do not expose to temperatures exceeding 50°C. Store in a well-ventilated area. Do not store near food, drink, or animal feed. Do not store in unlabelled containers.
Site Storage Requirements:	Site Signage will be required when quantities exceed 3,000L aggregate water capacity.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ:	No Workplace Exposure Standards have been established for this product but have been established for the following ingredients: Acetone – TWA 500 ppm, 1,185 mg/m ³ , STEL 1,000 ppm, 2,375 mg/m ³ Butane – TWA 800 ppm, 1,900 mg/m ³ n-Hexane – TWA 20 ppm, 72 mg/m ³ (bio, ototoxin) Cyclohexane – TWA 100 ppm, 350 mg/m ³ , STEL 300 ppm, 1,050 mg/m ³
Engineering Controls:	Eyewash facilities and safety showers should be provided in the work area where there is a risk of exposure to eyes and skin. If use results in exposure to aerosol sprays, use engineering controls such as local exhaust ventilation to ensure workers are not exposed to concentrations that exceed workplace exposure

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standards.

Personal Protective Equipment: Avoid contact with the skin and eyes. Avoid inhaling aerosol sprays. Observe good chemical hygiene practice.

Hand protection: Wear protective gloves. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.

Skin and body protection: Wear protective clothing. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.

Eye protection: Use safety glasses with side shields or safety goggles. Refer to AS/NZS 1336 for suitable eye and face protection.

Respiratory protection: Where there is inadequate ventilation, and use results in exposure to aerosol sprays, use a respirator fitted with a solvent vapour cartridge. Refer to AS/NZS 1715 and AS/NZS 1716 for suitable respiratory protection.

Other information: Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Description:	Aerosol	Colour:	Colourless
Odour:	Fruity	Odour Threshold:	Not available
pH:	Not applicable	Solubility (water, 20°C):	Not available
Freezing point:	Not available	Boiling Point:	21°C (estimated)
Flammability:	Highly flammable	Flash Point:	-104°C (estimated)
LEL/UEL:	2.4 – 12%	Vapour Pressure (20°C):	34 - 45 psig (estimated)
Decomposition Temp:	Not available	Autoignition Temp:	Not available
Relative Density:	0.629 (estimated, water = 1)	Vapour Density:	Not available
Partition Coefficient: n-octanol/water	Not available	Viscosity (40°C):	Not available
Particle characteristics:	Not applicable		

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Reactivity: No dangerous reactions are expected to occur under normal storage and use conditions.

Conditions to Avoid: Heat, sparks, ignition sources, sunlight.

Incompatibility: Strong oxidisers, acids, nitrates, fluorine, chlorine, combustible materials such as wood, paper, cardboard.

Hazardous Decomposition: Thermal decomposition may result in toxic gases being released including oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity:	LD50 oral > 2000 mg/kg. LD50 dermal > 2000 mg/kg LC ₅₀ inhalation (mist/spray) > 5.0 mg/L
Inhalation:	Not expected to cause toxic effects or be a respiratory irritant. Inhaling large quantities may cause drowsiness, dizziness.
Ingestion:	Aspiration hazard. May be fatal if swallowed and enters airways.
Skin Contact:	Skin irritant.
Eye Contact:	Eye irritant.
Sensitiser:	Not expected to be a respiratory or contact sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant	Product is a known or presumed mutagen and carcinogen and a suspected reproductive toxicant.
Specific Target Organ Systemic Toxicity:	Product is toxic to human target organs or systems (central nervous system) via inhalation. Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Product is harmful in the aquatic environment with long lasting effects. Avoid release into waterways.
Persistence/degradability:	Not available.
Bioaccumulation:	Not available.
Mobility:	No data available. Ecotoxicity data is based on hazardous ingredient information.

Section 13: DISPOSAL CONSIDERATIONS

Disposal:	Recycle and reuse wherever possible. Do not release to waterways. Dispose of waste product via an approved waste disposal contractor.
Disposal of Packaging:	Dispose of packaging via an approved waste disposal contractor.

Section 14: TRANSPORT INFORMATION

This product is classified as a Dangerous Good for transport in accordance with NZS5433:2020, IMDG or IATA.



NZS5433:2020

UN No: 1950

Proper Shipping Name: Aerosols, flammable (not exceeding 1L capacity)

Class: 2.1

Packing Group: N/A

IMDG:

UN No: 1950

Proper Shipping Name: Aerosols, flammable (not exceeding 1L capacity)

Class: 2.1

Packing Group: N/A

Marine Pollutant: No

EmS: F-D, S-U

IATA:

UN No: 1950

Proper Shipping Name: Aerosols, flammable (not exceeding 1L capacity)

Class: 2.1

Packing Group: N/A

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Aerosols (Flammable, Carcinogenic) Group Standard 2020

HSNO Approval Code: HSR002517

Classifications:
Aerosol – Category 1
Skin irritation – Category 2
Eye irritation – Category 2
Germ cell mutagenicity – Category 1
Carcinogenicity – Category 1
Reproductive toxicity – Category 2
Specific target organ toxicity, repeated exposure – Category 1
Aspiration hazard – Category 1
Harmful to the aquatic environment, chronic – Category 3

This substance triggers: Compliance Certificate 3,000L aggregate water capacity
Certified Handler N/A

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Quantity that must be secured	3,000L aggregate water capacity
Emergency Response Plan	3,000L aggregate water capacity
Secondary Containment	3,000L aggregate water capacity
Signage	3,000L aggregate water capacity
Fire Extinguishers	1 required for quantities > 3,000L aggregate water capacity

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved for use as a protective coating. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 16 September 2022

Reason for Revision: Update to New Zealand regulatory requirements.

References:

EPA NZ Chemical Classification and Information Database
European Chemical Agencies Database
EPA Guide: Assigning a Hazardous Substance to a Group Standard, 2014
Supplier SDS: 3D International, USA, 3D Instant Shine Aerosol, May 2014

END OF SAFETY DATA SHEET