Section 1 - Identification of The Material and Supplier

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Kurnell NSW 2231 Australia **http://www.sealersplus.com.au**

Chemical nature: Resin in a suitable solvent. Presented as an aerosol.

Trade Name: **SPRAY'N'SEAL**

Product Code: 150-001

Product Use: Natural look impregnating sealer to provide water & stain resistance to stone, tile, grout, concrete & masonry.

Creation Date: October 2012

This version issued: **October 2026** and is valid for 5 years from this date.

Poisons Information Centre: Phone 13 11 26 from anywhere in Australia

Section 2 - Hazards Identification

This material is hazardous according to the criteria of Safe Work Australia GHS 7.

Classified as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code, Class 2.1 (Flammable Gases/Aerosols), UN 1950.

SUSMP Classification: None allocated

GHS Signal word: DANGER

Hazard Classifications
Flammable Aerosol - Category 1
Aspiration Hazard - Category 1
Skin Irritation - Category 2
Specific Target Organ Toxicity (Single Exposure) - Category 3 (narcotic effects)
Hazardous to the Aquatic Environment (Acute) - Category 1
Hazardous to the Aquatic Environment (Chronic) - Category 1

HAZARD STATEMENT:

H222: Extremely flammable aerosol.
H229: Pressurised container: may burst if heated.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H410: Very toxic to aquatic life with long lasting effects.
AUH066: Repeated exposure may cause skin dryness or cracking.

PREVENTION

P210: Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Pressurised container: Do not pierce or burn, even after use.
P261: Avoid breathing fumes, mists, vapours or spray.
P264: Wash contacted areas thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a POISON CENTRE or doctor if you feel unwell.
P332+P313: If skin irritation occurs: Get medical advice.
P362: Take off contaminated clothing and wash before reuse.
P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is the preferred medium for large fires.
P391: Collect spillage.
P372: Explosion risk in case of fire.

STORAGE

P403+P235: Store in a well-ventilated place. Keep cool.
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview

Physical Description & Colour: Clear, colourless liquid.

Odour: Characteristic odour.

Major Health Hazards: Skin irritant; if aspirated, may cause lung damage; repeated exposure may cause skin dryness or cracking; vapours may cause drowsiness and dizziness.

Potential Health Effects

Inhalation: Short term: High vapour concentrations may cause drowsiness and dizziness. Product is unlikely to cause discomfort or irritation under normal use. Intentional misuse by deliberately concentrating and inhaling contents of aerosol containers can be harmful or fatal. Long term: Vapours may cause drowsiness and dizziness.

Skin Contact: Short term: The major hazard from this product is misuse of the aerosol function. If sprayed continuously on skin, it can cause frostbite. Long term: Repeated exposure may cause skin dryness or cracking.

Eye Contact: Short term: If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite. Long term: No data for health effects associated with long term eye exposure.

Ingestion: Short term: Significant oral exposure is considered unlikely. Due to low viscosity, the product may directly enter the lungs if swallowed or subsequently vomited; once in the lungs it is difficult to remove and can cause severe injury or death. Long term: No data for health effects associated with long term ingestion.

Carcinogen Status: SWA: No significant ingredient is classified as carcinogenic by SWA. NTP: No significant ingredient is classified as carcinogenic by NTP. IARC: Isopropanol is Group 3 - not classifiable as to carcinogenicity to humans.

Section 3 – Composition and Information on Ingredients

Ingredients	CAS No	Conc, %	TWA (mg/m³)	STEL (mg/m³)
Alkanes, C3-4	68475-59-2	Not stated	Not set	Not set
Heptane	142-82-5	>60	1640 mg/m3	2050 mg/m3
Isopropanol	67-63-0	10-30	983 mg/m3	1230 mg/m3
Fluorinated acrylic copolymer	Secret (confidential)	5-15	Not set	Not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Quickly and gently blot away excess liquid. Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.

Eye Contact: Quickly and gently blot material from eyes. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. Take special care if the exposed person is wearing contact lenses.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both) fire gases. There is a moderate risk of explosion from this product if commercial quantities are involved in a fire. Vapours are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures, and may flash back considerable distances. Fire decomposition products are likely to be toxic and corrosive if inhaled.

Extinguishing Media: Carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is preferred for large fires. Try to contain spills, minimise spillage entering drains or watercourses.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus. Cool closed, undamaged containers exposed to fire with water spray.

Flash Point: -4°C (heptane)

Upper Flammability Limit: 6.7%

Lower Flammability Limit: 1.05%

Autoignition Temperature: 204°C

Flammability Class: Extremely flammable aerosol.

Section 6 - Accidental Release Measures

Accidental Release: This product is sold in small packages, and accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinse residue to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or watercourses and call emergency services.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Refer to Section 8 for personal protective measures and ensure these are followed. Follow the storage measures below

during handling to minimise risks. Avoid contact or contamination of the product with incompatible materials listed in Section 10.

Storage: Store in a cool, well-ventilated area and ensure surrounding electrical devices and switches are suitable for flammable atmospheres. Check containers and valves periodically for leaks. If more than 25 kg of flammable gases/aerosols is stored, licensing or notification of the Dangerous Goods authority may be required - contact your Dangerous Goods authority if in doubt. Check packaging for further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715 and AS/NZS 1716, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501, Industrial Eye Protection: AS 1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS 2210.

SWA Exposure Limits	CAS No	TWA (ppm)	TWA (mg/m³)	STEL (mg/m³)
Heptane	142-82-5	Not stated	1640 mg/m3	2050 mg/m3
Isopropanol	67-63-0	Not stated	983 mg/m3	1230 mg/m3

Ventilation: Use only in a well-ventilated area. If natural ventilation is inadequate, use mechanical ventilation (fan).

Eye Protection: Not normally necessary for occasional use; if in doubt, wear suitable protective glasses or goggles.

Skin Protection: Prevent skin contact by wearing impervious gloves, clothing and, preferably, an apron, ensuring all skin areas are covered.

Protective Material Types: Suitable glove/clothing materials include Viton, nitrile, PE/EVAL, butyl rubber, Responder.

Respiratory Protection: Not normally necessary for occasional use; consult AS/NZS 1715 if in doubt.

Other: Safety deluge showers should, if practical, be provided near where this product is handled commercially.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Clear, colourless liquid.
Odour:	Characteristic odour.
Boiling Point:	Approx. 80°C at 100 kPa (isopropanol)
Freezing/Melting Point:	No specific data. Liquid at normal temperatures.
Volatiles:	>90%
Vapour Pressure:	No data.
Vapour Density:	>1 (air = 1)
Relative Density:	0.75 approx.
Water Solubility:	Insoluble.
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	<1 (butyl acetate = 1)
Coefficient of Oil/Water Distribution:	No data.
Flash Point:	-4°C (heptane)
Autoignition Temperature:	204°C

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. If in doubt, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Keep in a cool place, preferably below 30°C. Keep containers tightly closed. Keep away from sources of sparks or ignition. Any electrical equipment in the area should be flame-proofed.

Incompatibilities: Strong oxidising agents.

Hazardous Decomposition Products: Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form hydrogen fluoride gas and other fluorine compounds. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, unconsciousness, coma and death.

Hazardous Polymerisation: Will not occur.

Section 11 - Toxicological Information

Target Organs: No data indicating any particular target organs.

Classification of Hazardous Ingredients

Heptane: At concentrations ≥ 20%: classified as a GHS skin irritant and aspiration hazard (equivalent to former Xn; R65; R38).

Section 12 - Ecological Information

Ecotoxicity: Very toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment (H410).

Section 13 - Disposal Considerations

Disposal: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Section 14 - Transport Information

UN Number:	1950
Proper Shipping Name:	AEROSOLS
DG Class:	2.1
Subsidiary Risk:	None
Packing Group:	Not applicable
Hazchem Code:	2YE

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods, Class 2.1 (Flammable Gases/Aerosols), by the criteria of the ADG Code.

MARINE TRANSPORT

Classified as Dangerous Goods, Class 2.1, by the criteria of the IMDG Code.

AIR TRANSPORT

Classified as Dangerous Goods, Class 2.1, by the criteria of the IATA Dangerous Goods Regulations.

Special Provisions: 63, 190, 277

Limited Quantities: ADG 7 specifies a Limited Quantity value of 1000 mL for this class of product.

Packaging Method: P003

Segregation: Class 2.1 Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Class 1 (Explosives), Class 3 (Flammable Liquids, where both flammable liquids and flammable gases are in bulk), 4.1, 4.2, 4.3, 5.1, 5.2, and 7. They may be loaded with Classes 2.2, 3 (non-bulk), 6, 8, 9, foodstuffs and foodstuff empties.

Section 15 - Regulatory Information

Poisons Schedule (SUSMP): None allocated.

AICIS: All significant ingredients in this formulation are listed on the Australian Industrial Chemicals Introduction Scheme (AICIS) inventory.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature (Spray'N'Seal Technical Bulletin and label).

This revision supersedes the October 2022 SDS.

Changes in this revision: new Sealers Plus SDS format; supplier address and contact details updated to Kurnell NSW; hazard communication aligned with GHS Revision 7.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS/AIIC	Australian Inventory of Industrial Chemicals
AICIS	Australian Industrial Chemicals Introduction Scheme
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
TWA / STEL	Time Weighted Average / Short Term Exposure Limit
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (July 2020) and GHS Revision 7.