

Infosafe No™ VARFH Issue Date : June 2021 ISSUED by HUNTERST

Product Name **PENETRATING SEAL**

1. Identification

GHS Product Identifier PENETRATING SEAL

Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY
TAS 7248 AUSTRALIA

Telephone/Fax Number Tel: 03 6331 4755
Fax: 03 6334 1065

Emergency phone number 0407 610 542

Recommended use of the chemical and restrictions on use As a sealant for floors. Use as directed on the product label.

2. Hazard Identification

GHS classification of the substance/mixture Aspiration Hazard: Category 1
Eye Damage/Irritation: Category 2A
Flammable Liquids: Category 3
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2
Skin Corrosion/Irritation: Category 2
STOT Single Exposure: Category 3 (respiratory tract irritation)

Signal Word (s) DANGER

Hazard Statement (s) H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statement – General Pictogram (s) P102 Keep out of reach of children.
P103 Read label before use.
Flame, Exclamation mark, Health hazard, Environment



Precautionary statement – Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin 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/eye protection/face protection.

Precautionary statement – Response P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
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 victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P370+P378 In case of fire: Use foam/water spray/fog for extinction.
P391 Collect spillage.

Infosafe No™ VARFH Issue Date : June 2021 ISSUED by HUNTERST

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Precautionary statement – Storage P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Proprietary polyurethane resin	N/A	30-60 %
	Mineral turpentine	9005-90-7	10-30 %
	White Spirit	64742-89-8	10-30 %
	Lead naphthenate	61790-14.5	<10%
	Cobalt naphthenate	61789-51-3	<10%

4. First-aid measures

Inhalation Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

Ingestion If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Skin If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available.

Eye contact If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists seek medical attention.

First Aid Facilities Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor Product is a resin solution in mixed naphthas. Irritating to eyes, respiratory system and skin. An aspiration risk. Contains very low proportions of lead and cobalt compounds. Contact Poisons Information Centre.

5. Fire-fighting measures

Suitable extinguishing media Foam or dry agent.

Hazards from Combustion Products Oxides of carbon, toxic fumes including lead oxide and cobalt oxide.

Special Protective Equipment for fire fighters Wear full protective clothing and self-contained breathing apparatus.

Specific hazards arising from the chemical Flammable liquid, flash point 36°C. Vapour/air mixture may be flammable. Vapour heavier than air, risk of remote ignition. Spray/mist will be more flammable than the liquid.
Contact with strong oxidising agents may cause fire.

Hazchem Code 3[Y]

6. Accidental release measures

Emergency Procedures Contain.
Shut off all sources of ignition.
Increase ventilation.

Spills & Disposal For large spills:
Contain spillages with sand or earth. Transfer both liquid and solids to suitable closed container(s). Treat residues as for small spills.
For small spills:
Absorb on inert absorbent and transfer to suitable closed container. Wash site of spillage thoroughly with water and detergent. Ventilate area to dispel any residual vapours.

7. Handling and storage

Infosafe No™ VARFH	Issue Date : June 2021	ISSUED by HUNTERST
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Product Name **PENETRATING SEAL**

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid breathing vapours. Keep away from naked flames and other sources of ignition.
Conditions for safe storage, including any incompatibilities	Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded flammables store. Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from naked flames and other sources of ignition. Prevent vapours from collecting in enclosed or low lying spaces. Take precautionary measures against static discharges. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.
Product Transfer	Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Remove any ignition sources and avoid sparks and any other sources of heat.
Unsuitable Materials	Incompatibles: Oxidising agents.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection	Worksafe Australia has set an exposure standard (ES-TWA) of: Mineral turpentine 480 mg/m ³ White spirit 790 mg/m ³
Appropriate engineering controls	Use only flame proof equipment. Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.
Personal Protective Equipment	Avoid contact with the skin and eyes. Avoid breathing the vapour or spray/mist. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal Use: Eye/face protection Gloves, rubber or plastic. Industrial Quantities: Face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots Impervious overalls. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form	Liquid
Appearance	Clear, amber liquid.
Odour	Mild hydrocarbon odour.
Melting Point	Data not available
Boiling Point	From about 147 °C
Solubility in Water	Not miscible with water
Specific Gravity	0.8 - 0.9
pH	N/A
Vapour Pressure	Typical 0.3 kPa
Vapour Density (Air=1)	4.5 - 4.8
Flash Point	36 °C (closed cup)
Flammability	Flammable liquid.
Auto-Ignition Temperature	Data not available

Infosafe No™ VARFH Issue Date : June 2021 ISSUED by HUNTERST

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Other Information Miscible with hydrocarbons. May react with strong oxidising agents. Slippery when spilled.

10. Stability and reactivity

Chemical Stability Stable under normal use conditons.

Conditions to Avoid Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials Strong oxidising agents.

Hazardous Decomposition Products Oxides of carbon, oxides of lead, oxides of cobalt.

Possibility of hazardous reactions Contact with strong oxidising agents may cause fire.

11. Toxicological Information

Acute Toxicity - Oral LD50: Mineral turpentine 8,400 mg/kg oral, rat.
White spirit > 5,000 mg/kg oral, rat.

Ingestion Harmful or fatal if swallowed. Likely to cause gastric upset, nausea, vomiting and diarrhoea. May cause sore throat, cough, dizziness, drowsiness, headache, intoxication, weakness, muscle twitches, convulsions. Large doses may lead to other central nervous system effects, including loss of consciousness and coma. A serious aspiration risk.

Inhalation Concentrated vapours will be irritating to the nose, throat and upper respiratory system. Symptoms may include confusion, dizziness and euphoria, headache, fatigue, weakness, nausea, difficulty breathing, chest pains, muscle twitches, convulsions, loss of consciousness (at high concentrations), and possible death. Aspiration into the lungs during swallowing or vomiting may cause chemical pneumonitis (irritation of lung tissues), pulmonary oedema (fluid in the lungs) or lung damage. Even small amounts drawn into the lungs may be fatal. Onset of symptoms may be delayed.

Skin Irritating to skin. Will degrease the skin, leading to dryness, irritation, soreness, inflammation and possible dermatitis. May cause cyanosis of the extremities (bluish skin). May cause burns if trapped against the skin (e.g. with wet clothing).

Eye Irritating to eyes. Vapours may irritate the eyes from about 450 ppm, while liquid splashes may cause redness, pain, chemical conjunctivitis, tissue or corneal damage.

Chronic Effects Repeated skin contact may lead to dermatitis. Chronic exposure to solvent vapours may cause damage to the liver, kidneys and the bone marrow. Possible risk of blood disorders, dermatitis and central nervous system complications.

12. Ecological information

Ecotoxicity May be harmful to aquatic organisms.

Persistence and degradability No data.

Mobility Solvents will evaporate to air.

Bioaccumulative Potential Heavy metals (e.g. lead) can be bioaccumulated in aquatic organisms.

Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal Ensure waste disposal conforms to local waste disposal regulations.

Special precautions for landfill or incineration High temperature incineration may generate traces of lead and cobalt oxide fume.

Landfill may be suitable once all solvents have evaporated.

14. Transport information

Infosafe No™ VARFH Issue Date : June 2021 ISSUED by HUNTERST

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Transport Information	Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.
U.N. Number	1866
UN proper shipping name	RESIN SOLUTION
Transport hazard class(es)	3
Hazchem Code	3[Y]
Packing Group	III
EPG Number	3A1
IERG Number	14

15. Regulatory information

Poisons Schedule	S6
AICS (Australia)	All components listed.

16. Other Information

Date of preparation or last revision of SDS 29/06/2021

Literature References Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals

Signature of Preparer/Data Service Technical Manager 0407 610 542

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

Other Information This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
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