

SECTION 1

Product & Supplier Identification

Product Name	CleverPatch Permanent Markers (Coloured)
Other Names	None
Product Code	20276
Barcode Number	
Recommended Use	Permanent marker for use on various surfaces.
Restrictions on Use	None known
Company	CleverPatch Pty Ltd
ABN	48 130 866 885
Address	9 Balbu Close, Beresfield, NSW Australia 2322
Telephone	1300 836 522
Supplier Code	
Emergency Phone Number	Australia – 13 11 26 (Poisons Information Centre)

SECTION 2

Hazards Identification

Classification of the hazardous chemical

This product is classified as hazardous under WHS Regulations.

Physical hazards	Not classified	
Health hazards	Skin Sensitisation	Category 1
	Eye Irritation	Category 2A
	Specific Target Organ Toxicity (Repeated exposure)	Category 2
Environmental hazards	Not classified	

Label elements, including precautionary statements

Hazard symbols



Exclamation Health Hazard

Signal word

Warning

Hazard Statements

H317 May cause an allergic skin reaction
 H319 Causes serious eye irritation
 H373 May cause damage to organs through prolonged or repeated exposure (inhalation)

Precautionary statements

Prevention

P260 Do not breathe vapours.
 P264 Wash hands thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear eye protection and protective gloves.

Response

P302+P352 IF ON SKIN: Wash with plenty of water.
 P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
 P321 Specific treatment see Section 4 First Aid.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice / attention.
 P362+P364 Take off contaminated clothing and wash before reuse.
 P314 Get medical advice / attention if you feel unwell.

Storage

P403+P235 Store in well ventilated place. Keep container tightly closed.

Disposal

P501 Dispose of contents and container in accordance with local regulations.

SECTION 3 **Ingredient Composition / Information**

Chemical Entity	CAS No.	Proportion (to 100%)
Polymerised Rosin	65997-05-9	35 - 45 %
Ethanol	64-17-5	5 – 20 %
Solvent Blue 5	1325-86-6	3 – 10 %
Non-hazardous components		to 100 %

SECTION 4 **First Aid Measures**

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

Description of necessary first aid measures

Eye	Immediately rinse with plenty of gently, running water for atleast 15 minutes, with eyes open wide as much as possible. Seek urgent medical attention.
Skin	Immediately wash contaminated skin with running water for atleast 30 minutes. Remove any contaminated clothing while under the safety shower. If any symptoms arise and/or persist seek medical attention.
Swallowed	Immediately rinse mouth with water. Repeat until contaminant is thoroughly removed. Give water to drink. Do not induce vomiting as this may risk further damage. If vomiting occurs give water to help dilution. Seek medical attention.
Inhalation	Remove affected person to a fresh air or well ventilated area. Seek medical attention if symptoms persist.

Personal protection for first aid responders

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Symptoms caused by exposure

Inhalation	May cause respiratory irritation and coughing.
Skin	May cause irritation, redness, pain and rash.
Eye	May cause eye irritation, tearing, pain and redness.

Medical attention and special treatment

Provide general supportive measures and treat symptomatically. Keep under observation as symptoms may be delayed. If not already done seek medical attention.

SECTION 5 **Fire Fighting Measures****Extinguishing equipment**

Suitable	Water, fog, foam, dry chemical powder, carbon dioxide. When choosing extinguishing equipment be aware of any potential hazard(s), example electrical.
Unsuitable	Anything that could spread the fire and or risk the safety of surrounding personnel.

Specific hazards arising from the chemical

Non-flammable. No explosion hazard exists. May evolve gases hazardous to health.

Specific protective equipment and precautions for fire fighters

Self-contained breathing apparatus (SCBA) and full protective clothing (PPE) must be worn in case of fire.

Hazchem Code Not available.

General fire hazards No unusual fire or explosion hazards known.

SECTION 6**Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures**For non-emergency personnel**

Keep unnecessary personnel away and upwind of spill. Wear appropriate protective equipment for clean-up. Contain spill, prevent contamination to drains / water ways. Contact local authorities if spill cannot be contained. Collect and seal in properly labelled containers for disposal in accordance with local regulations. Refer Section 8 "Personal Protection".

For emergency responders

Keep unnecessary people away. Wear appropriate protective equipment during clean up. Contain spill to prevent contamination to drains / water ways. Heed advice under Section 8 "Personal Protection".

Environmental precautions

Avoid discharge to drains, water ways or onto the ground.

Methods and materials for containment and clean up

Large spills – Stop flow of material, if safe to do so. Contain spill where possible. Absorb spill in sand, vermiculite, dry earth or other inert absorbent material. Collect and seal in clearly and properly labelled containers for disposal in accordance with local regulations. Small spills – Wipe / clean up with ethanol based cleaning agent.

SECTION 7**Handling & Storage**

Precautions for safe handling

Avoid contact with eyes, skin and clothing. Use in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in a dry location, with lid closed when not in use. Store in clearly labelled containers.

SECTION 8**Exposure Controls / Personal Protection**

Occupational exposure limits (OEL's)

No OEL's noted for this product. However, for individual components,

Ethanol	64-17-5	1880 mg/m ³ (TWA)
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These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to a minimum.

Biological limit values

No biological exposure values noted for this product.

Appropriate engineering controls

Use in a well-ventilated area, if required use local exhaust ventilation. Provide an eyewash station and safety shower.

Individual protection measures, for example personal protective equipment (PPE)**Eye protection**

Wear safety goggles and face shield.

Skin protection

Wear impervious gloves and appropriate non-porous protective clothing. Do not wear short sleeve tops or short pants where unprotected skin is exposed.

Hygiene measures Use and maintain good industrial hygiene. Always wash hands after use. Routinely maintain safety equipment. Do not eat, smoke or drink when handling this product.

SECTION 9 **Physical & Chemical Properties**

Appearance	Coloured liquid
Odour	Solvent odour
Odour threshold	Not available
pH	Not available
Melt point / freeze point	Not available
Boiling point	Not available
Flash point	Not available
Flammability	Not flammable
Vapour Pressure	Not available
Vapour Density	Not available
Relative density	Not available
Solubility in water	Not available
Specific Gravity	Not available

SECTION 10 **Stability & Reactivity**

Reactivity Product is considered non-reactive under normal conditions of use, storage and transport.

Chemical stability This product is considered stable under normal conditions of use.

Possibility of hazardous reactions
Hazardous polymerisation will not occur.

Conditions to avoid None known.

Incompatible materials None known.

Hazardous decomposition
In a fire product may give rise to the release of obnoxious fumes including oxides of carbon.

SECTION 11 **Toxicological Information****Information on possible routes of exposure**

Skin contact	May cause skin irritation
Eye contact	Serious eye irritation.
Ingestion	May cause mouth and throat irritation.
Inhalation	May cause respiratory irritation.

Symptoms related to exposure
Inhalation of vapours may cause dizziness and drowsiness.
Direct contact with skin may cause burning, redness and general irritation.

Acute This product has NOT been tested on animals. The information below relates to historical data for only the component stated.
Ethanol (CAS No. 64-17-5)
Inhalation LC₅₀ (Mouse, vapour, 4 hours) >20mg/L
Estimate for product may be based on additional data not shown.

Serious eye damage / irritation
Causes serious eye irritation.

Respiratory or skin sensitisation
May cause skin irritation.

Carcinogenicity Not considered to be a carcinogenic hazard.

Specific Target Organ Toxicity (STOT) – repeat exposure
Inhalation of vapours may cause dizziness and drowsiness.

Aspiration hazard No data available.

Reproductive toxicity
No data available.

SECTION 12 Ecological Information

Ecotoxicity No specific data is available for this product. However, do not release this product or any water contaminated with this product into drains, soils or waterways. Sufficient measures should be taken to retain the water used in extinguishing any fires involving this product. Dispose of contaminant in accordance with local landfill or incineration regulations.

Persistence and degradability
No specific data available.

Bio accumulative potential
No specific data available.

Mobility in soil No specific data available.

SECTION 13 Disposal Considerations

Disposal methods Dispose of product and contaminated water in accordance with local regulations.

Contaminated packaging
The container in which the product is/was contained should also be disposed of in accordance with local regulations.

SECTION 14 Transport Information

ADG Not regulated as dangerous goods.
IATA Not regulated as dangerous goods for IATA
IMDG Not regulated as dangerous goods.

Special Precautions No special precautions or requirements for transport.

SECTION 15 Regulatory Information

Safety, health and environmental regulations
This Safety Data Sheet was prepared in accordance with Safe Work Australia's Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
Not allocated

AICS All components are listed in the Australian Inventory of Chemical Substances.

SECTION 16

Other Information

Reason for Revision Update Review and update information in accordance with GHS requirements. Sections 2, 3, 8 & 11 information changes

TWA The TWA (Time Weighted Average) 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 term “peak” is used when the TWA limit, because of the rapid action of the substance, should never be exceeded even briefly.

SWA Safe Work Australia

ADG Australian Dangerous Goods Code

IATA International Air Transport Association

IMDG International Maritime Dangerous Goods Code

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Contact Point – CleverPatch Pty Ltd (BH) 1300 836 522

END MSDS

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