

SECTION 1**Product & Supplier Identification**

Product Name	CleverPatch Triangular Maxi Permanent Markers - Black
Other Names	Maxi Permanent Markers
Product Code	16531
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	PO Box 7, Hunter Region Mail Centre, NSW, Australia 2310
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**

Hazardous Chemical. Dangerous Goods. According to SWA and the ADG code.

Physical hazards	Flammable Liquid	Category 2
Health hazards	Serious eye damage / irritation	Category 2
	Specific Target Organ Toxicity (Single Exposure)	Category 3
Environmental hazards	Not classified	

Label elements, including precautionary statements**Hazard symbols**

Flammable Liquid



Exclamation mark

Signal word**DANGER****Hazard Statements**

H225	Highly flammable liquid and vapour
H319	Causes serious eye damage
H336	May cause drowsiness or dizziness

Precautionary statements**Prevention**

P280	Wear eye, hand and face protection.
P271	Use only outdoors or in well ventilated area.
P264	Wear eye protection.
P261	Avoid breathing vapours.
P243	Take precautionary measures against static discharge.
P242	Use only non-sparking tools.
P233	Keep container tightly closed.
P210	Keep away from sparks / open flames – No smoking.

Response

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P3337+P313	If eye irritation persists: Get medical advice / attention.
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.
P312	Call a POISON CENTRE or doctor / physician if you feel unwell.
P370+P378	In case of fire: Use water for extinction.

Storage

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

Disposal

P501	Dispose of contents/container in accordance with local regulations.
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SECTION 3**Ingredient Composition / Information**

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion (to 100%)</u>
Isopropanol	67-63-0	20 – 40%
Ethanol	64-17-5	10 – 30%
Diethylene glycol	111-46-6	10 – 30%
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) and is 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

Direct contact with eyes may cause stinging / burning, tearing, redness and blurred vision.
Direct contact with skin may cause burning, redness and general irritation.
Inhalation may cause drowsiness or dizziness.

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

This product contains a highly flammable liquid. If engulfed in fire gases hazardous to health maybe formed.

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

•3YE(3)
Class 3, Packing Group II - Alcohols, N.O.S (contains ethanol and isopropanol)

General fire hazards Product contains a highly flammable liquid.

SECTION 6
Accidental Release Measures

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

Keep unnecessary personnel away, isolate hazard area and prevent entry. If safe to do so stop leak. Wear appropriate protective equipment during clean up. Contain spill to prevent contamination to drains / water ways. Environmental Protection Authority and Local authorities should be contacted if spill cannot be contained. Collect and seal in clearly and properly labelled containers for disposal in accordance with local regulations. Heed advice under Section 8 "Personal Protection".

For emergency responders

Keep unnecessary personnel away, isolate hazard area and prevent entry. If safe to do so stop leak. 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 absorbent material, e.g. cloth.

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 cool, sheltered location away sources of ignition. Keep containers tightly closed when not in use. Store in clearly labelled containers.

SECTION 8
Exposure Controls / Personal Protection

Occupational exposure limits

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

Isopropanol	67-63-0	983 mg/m ³ (TWA)	1230 mg/m ³ (STEL)
Ethanol	64-17-5	1880 mg/m ³ (TWA)	
Diethylene glycol	111-46-6	100 mg/m ³ (TWA)	

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. 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	Black liquid.
Odour	Solvent odour.
Odour threshold	Not available
pH	Not available
Melt point / freeze point	Not available
Boiling point	78°C
Flash point	12°C
Flammability	Highly flammable
Upper/lower flammability limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Relative density	Not available
Solubility in water	Soluble
Auto-ignition temperature	Not available
Decomposition temperature	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, storage and transport.

Possibility of hazardous reactions

No hazardous reaction known under normal use.

Conditions to avoid Ignition sources and heat.

Incompatible materials

Strong acids.

Hazardous decomposition

If engulfed in fire product may give rise to the release of irritating mists and fumes.

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, along with.

Symptoms related to exposure

Direct contact with eyes may cause stinging / burning, tearing, redness and blurred vision.

Direct contact with skin may cause burning, redness and general irritation.

Inhalation may cause drowsiness or dizziness.

Acute No specific data available.

Serious eye damage / irritation

Causes serious eye irritation.

Skin corrosion / irritation

May cause skin irritation.

Germ cell mutagenicity

No data available.

Carcinogenicity No data available.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity (STOT) – single exposure

If vapours / fumes are inhaled, it may cause drowsiness or dizziness.

Aspiration hazard No data available.

Additional Information

This product does NOT contain,
Egg, dairy, soy, seafood, shellfish, wheat or peanut products, or derivatives.

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 this product and any water contaminated with this product 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

Classified as a dangerous goods.

UN Number	1987
Proper Shipping Name	Alcohols, N.O.S (contains ethanol and isopropanol)
Class and Subsidiary Risk(s)	3
Packaging Group	II
Hazchem Code	•3YE(3)

IMDG

Classified as a dangerous goods.

UN Number	1987
Proper Shipping Name	Alcohols, N.O.S (contains ethanol and isopropanol)
Class and Subsidiary Risk(s)	3
Packaging Group	II
Hazchem Code	•3YE(3)

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 Review and update information in accordance with GHS requirements.

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.

STEL 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.

ADG Australian Dangerous Goods Code

AICS Australia Inventory of Chemical Substances

IMDG International Maritime Dangerous Goods Code

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