



HURST SCIENTIFIC

Safety Data Sheet A-PAP Pen

SECTION 1: Identification

GHS Product identifier

Product name	A-PAP Pen
Product number	PPM, PPR
Brand	Daido Sangyo Co., Ltd.

Recommended use of the chemical and restrictions on use

pen for glass slide to draw water repellent circle/s

Supplier's details

Name	Hurst Scientific
Address	2/36 Hensbrook Loop 6112 Forrestdale WA Australia
Telephone	1300 778 068
email	sales@hurstscientific.com.au

Emergency phone number

Australian Poisons Information Centre 131 126
Australian Emergency Services 000

SECTION 2: Hazard identification

General hazard statement

Classified as a Hazardous substance according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classification of the substance or mixture

GHS label elements, including precautionary statements

Pictograms



1. Flame; 2. Exclamation mark; 3. Health hazard

Signal word

Danger

Hazard statement(s)

H226
H304

Flammable liquid and vapor
May be fatal if swallowed and enters airways

Safety Data Sheet

A-PAP Pen

H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer [route]
H360	May damage fertility or the unborn child [effect, route]
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Precautionary statement(s)

P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P263	Avoid contact during pregnancy and while nursing.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
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/hearing protection/ ...
P301+P316	IF SWALLOWED: Get emergency medical help immediately.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep 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.
P316	Get emergency help immediately.
P317	Get medical help.
P331	Do NOT induce vomiting.
P332+P317	If skin irritation occurs: Get medical help.
P362	Take off contaminated clothing.
P370+P378	In case of fire: Use ... to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to ...

Other hazards which do not result in classification

Classified as a Dangerous goods according to the ADG Code for the Transport of Dangerous Goods by Road and Rail (7th Edition).

SECTION 3: Composition/information on ingredients

Mixtures

1. Toluene

Concentration < 35 % (volume)
CAS no. 108-88-3

Resin <35% CAS# is not available
Solvent naphtha <30% CAS# is not available

Safety Data Sheet
A-PAP Pen

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Evacuate to fresh air immediately. If there are signs of poisoning seek immediate medical attention or contact Poisons Information Centre. If unconscious place in recovery position, provide artificial respiration if breathing ceases. Seek immediate medical attention.
In case of skin contact	Remove contaminated clothing and wash affected area with soap and water thoroughly. If irritation develops, seek medical attention.
In case of eye contact	Flush eyes with gentle flowing water for at least 20 minutes. Seek medical attention.
If swallowed	DO NOT induce vomiting. Rinse mouth out thoroughly. Seek immediate medical attention.
Personal protective equipment for first-aid responders	
Eye wash station, safety shower and First Aid kit.	

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically based on judgement of doctor and individual reactions of patient.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Foam, Carbon Dioxide or dry chemical.

Specific hazards arising from the chemical

Toxic gases and smoke may evolve. May form flammable mixtures with air.

Special protective actions for fire-fighters

Wear SCBA (Self-Contained Breathing Apparatus) and full protective equipment.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear gloves and wipe off waste. Collect in the container which can be sealed.

Methods and materials for containment and cleaning up

Absorb with vermiculite or similar and place into a suitably labelled container. Dispose of waste according to local authority guidelines. Do not contaminate drains or waterways.

Reference to other sections

Thoroughly clean contaminated objects and areas in accordance with environmental regulations.

SECTION 7: Handling and storage

Precautions for safe handling

Keep away from heat and open flame, Do not remove any parts other than the pen cap, In case of skin contact flush with plenty of water.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated, fire-proof area away from direct sunlight below 25°C, Keep Lid tightly sealed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Ground and bond storage containers. Store away from incompatible materials.

SECTION 8: Exposure controls/personal protection

Safety Data Sheet

A-PAP Pen

Individual protection measures, such as personal protective equipment (PPE)

Skin protection

Chemical-resistant gloves and laboratory coat.

Environmental exposure controls

Biological Limit Values Not allocated for this product.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Light Green
Odor	Fragrance
pH	5.8

SECTION 10: Stability and reactivity

Reactivity

Non-reactive under recommended conditions for use and storage.

Chemical stability

Stable under recommended conditions for use, storage and temperature.

Possibility of hazardous reactions

Polymerisation not expected occur.

Conditions to avoid

Elevated temperatures and ignition sources.

Incompatible materials

Strong oxidising agents.

Hazardous decomposition products

Toxic gases and smoke may evolve.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Germ cell mutagenicity

No classification.

SECTION 12: Ecological information

Toxicity

Toxic to aquatic life with long lasting effects.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Safety Data Sheet

A-PAP Pen

Other adverse effects

Environmental fate (exposure) Do not contaminate drains and waterways.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Refer to local authority guidelines. Advise flammable nature. Should be suitable for disposal by licensed contractor.

Packaging disposal

Refer to local authority guidelines. Advise flammable nature. Should be suitable for disposal by licensed contractor.

Other disposal recommendations

Special precautions Nil.

SECTION 14: Transport information

IATA ... Not restrictedas per IATA DG A.46

SECTION 15: Regulatory information

SECTION 16: Other information

Further information/disclaimer

This SDS is prepared in accordance with the Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011). The information contained within is believed to be accurate at the date of preparation/review. Hurst Scientific makes no claims of the accuracy or completeness of the information and excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. It is recommended the user make their own determinations as to the suitability of the information provided to the application in which the product is to be used.

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Preparation information

References

1. Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011).
2. Safe Work Australia, National Code of Practice for the Labelling of Workplace Hazardous Chemicals (2015).
3. Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants (2013)
4. National Transport Commission Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code); Canprint: Canberra (2007), Volume 1, 7th Edition.
5. Standards Australia, Dangerous Goods Initial Emergency Response Guide: Australian Handbook (SAA/SNZ HB76); Homebush (2004).