



Asia Paint (Singapore) Pte Ltd

20, Tuas Ave 8
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E-mail: apaint@singnet.com.sg
Company Reg. No.: 196500072-R

MATERIAL SAFETY DATA SHEET

APM S221 Aluminium Paint

Safety Data Sheet dated 01.01.2025

SECTION 1. PRODUCT IDENTIFICATION

Trade name : APM S221 Aluminium Paint
Product Type : Liquid Product
Manufacturer and supplier : Asia Paint (Singapore) Pte Ltd
20, Tuas Avenue 8
Singapore 639235

SECTION 2. HAZARDOUS INGREDIENT INFORMATION

ITEM	CAS NO.	EINECS/ELINCS
Turpentine	8006-64-2	232-350-7
Aromatic Hydrocarbon	1330-20-7	215-535-7

SECTION 3. HAZARD IDENTIFICATION

Appearance : Colored liquid; Flash point: 35 deg C.

WARNING! The product easily catches fire if exposed to an ignition source.

Target organs : Skin, eyes, respiratory system, central nervous system.
Skin : The product causes appreciable inflammation, with erythema, scabs, and oedema.
Eyes : Moderately irritating to eyes.
Respiratory system : Slightly irritating to respiratory system.
Central nervous system : Cause drowsiness and dizziness if inhaled.





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SECTION 4. FIRST AID

Skin : Wash off in flowing water or shower.
Eyes : Flush eyes with plenty of water.
Inhalation : No adverse effects anticipated by this route of exposure.
Ingestion : If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
Note to physician : No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 5. FIRE & EXPLOSION HAZARD DATA

FIRE-FIGHTING MEASURES :

RECOMMENDED EXTINGUISHERS :

Foam, fog, carbon dioxide, sand and extinguishing powder.

EXTINGUISHERS NOT TO BE USED :

Never use water.

RISKS ARISING FROM COMBUSTION :

Avoid inhaling the fumes.

PROTECTIVE EQUIPMENT :

Use protection for the respiratory tract.
Cool the containers exposed to the fire with water.
NFPA rating: Health: 2; Flammability: 3; Instability: 0.





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SECTION 6. ACCIDENTAL RELEASE MEASURES

MEASURES FOR PERSONAL SAFETY :

Use gloves and protective clothing.

ENVIRONMENTAL MEASURES :

Limit leakage with earth or sand.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

If the product has escaped into a watercourse, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

CLEANING METHODS :

Rapidly recover the product. To do so, wear a mask and protective clothing.

If the product is in liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. Inert materials might where appropriate, absorb the product.

After the product has been recovered, rinse the area and materials involved with water.

SECTION 7. HANDLING AND STORAGE

HANDLING PRECAUTIONS :

Avoid contact and inhalation of the vapors.

Do not eat or drink while working.

STORAGE CONDITIONS :

Keep away from unguarded flame, sparks and heat sources. Avoid direct exposure to sunlight.

Keep away from flame and sparks. Avoid accumulating electrostatic charge.

INSTRUCTIONS AS REGARDS STORAGE PREMISES :

Cool and adequately ventilated.

Safety electric system.



SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

ITEM	Source	Type	Amount
Turpentine	OSHA	PEL	100 ppm
Aromatic hydrocarbon	ACGIH	TWA	100 ppm

PRECAUTIONARY MEASURES :

Give adequate ventilation to the premises where the product is stored and/or handled.

RESPIRATORY PROTECTION :

Use adequate protective respiratory equipment.

PROTECTION FOR HANDS :

Use protective gloves.

EYE PROTECTION :

Not needed for normal use.

PROTECTION FOR SKIN :

Use clothing that provides comprehensive protection to the skin.

SECTION 9. TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Appearance & Color	: Colored liquid
Odor of solvent	: Characteristic aromatic
Specific Gravity	: 1.00 ± 0.03
Flash point	: 35 ° C
Explosive properties	: None
Oxidizing properties	: None
Solubility in water	: None



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SECTION 10. STABILITY REACTIVITY

CONDITION TO AVOID :

Avoid accumulating electrostatic charge.

SUBSTANCE TO AVOID :

Avoid contact with combustible materials. The product could catch fire.

SECTION 11. TOXICOLOGY INFORMATION

ITEM	LD50 oral, rat (mg/kg)	LD50 dermal, rabbit(mg/kg)
Turpentine	5760	NA
Aromatic Hydrocarbon	4300	>4350

SECTION 12. ECOLOGICAL INFORMATION

Adept sound working practices, so that the product is not released into the environment.

SECTION 13. DISPOSAL CONSIDERATION

Send to authorized disposal plants or for incineration under controlled conditions. In doing so, comply with the local and national regulations currently in force.

SECTION 14. TRANSPORT INFORMATION

DOT Classification : CLASS 3: Flammable liquid.
Identification : Not applicable. UN 1263 Group: III
Special Provisions for Transport : Not available.





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SECTION 15. REGULATORY INFORMATION

Classification and Labeling : Classification/Symbol - Harmful Flammable/F

Governing Directive : Dangerous substances directive 67/548/EC.

Label Name : APM S221 Aluminium Paint

Nature of Special Risk:

R11	: Highly flammable.
R23/24/25	: Toxic by inhalation, skin contact, swallows.
R39	: Danger of very serious irreversible effect.

Safety Advice:

S07/09	: Keep container closed & well ventilated.
S16	: Keep away from life – No Smoking.
S33	: Take precautionary measures against static discharges.
S43B	: In case of fire, use sand, earth, chemical powder or alcohol type foam.
S45	: In case of accident, seek for medical advice immediately.

SECTION 16. OTHER INFORMATION

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of Asia Paint (S) Pte Ltd Company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

