paint +

SAFETY DATA SHEET

1. Identification

Product name: **Metallic Silver Flat**

Product code: **AMS - Flat**

Use: Surface Coating. Applied by brush, roller or spray.

Company name address and contact details:

PaintPlus Colour Systems Limited
50 Diana Drive, Wairau Valley, Auckland
PO Box 101 366, North Shore, Auckland 0745
Telephone: 0800 846 225
Fax: (+64) 9 912 8475
www.paintplus.co.nz

Emergency phone number: **Responsible Care - ChemCall:**

0800 243 622

2. Hazard Identification

Classified as hazardous according to criteria in the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

HSNO Approval Number: HSR002670

HSNO Classification(s):

HSNO Classification:	GHS Class:	GHS Category:
6.3B	Skin corrosion/ irritation	3
8.3A	Serious eye damage/eye irritation	1

Pictogram(s):

Corrosives - may cause skin burns and permanent eye damage.

Irritant - May cause irritation (redness, rash) or less serious toxicity

Signal word: **WARNING**

Hazard Statement(s):
H316 - Causes mild skin irritation.
H318 - Causes serious eye damage.

Prevention Statement(s):
P102 - Keep out of reach of children.
P103 - Read label before use.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response Statement(s):
P332 + P313 - If skin irritation occurs: Get medical advice/ attention.
P101 - If medical advice is needed, have product container or label at hand.
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.
P310 - Immediately call a POISON CENTER or doctor/physician.

Storage Statement(s): -

Disposal Statement. **P501** – Product residues and uncleaned empty containers should be packaged, sealed, labelled, and disposed of or recycled according to relevant national and local regulations.

3. Composition/Information on Ingredients

Ingredient	CAS No	Proportion (%w/w)
Aluminium	7429-90-5	2 – 10%
1-methoxy-2-propanol, monopropylene glycol methyl ether	107-98-2	1 – 5%
Poly(oxy-1,2-ethanediyl),.alpha.-hydro-.omega.-hydroxy-, mono-C12-20-alkyl ethers, phosphates	106233-10-7	< 2%
Synperonic PE/L 61	9003-11-6	< 2%

Product is a complex mixture.

4. First Aid Measures

For advice contact the National Poisons Centre, phone 0800 764 766 [0800 POISON] or a doctor. Have product label or this Safety Data Sheet at hand.

Ingestion: Clean mouth with water and drink afterwards plenty of water. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Do NOT induce vomiting.

Skin: Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor. Get medical attention if irritation develops and persists.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If easy to do so remove contact lenses.

Inhalation: Remove to fresh air. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

First Aid Facilities: Eye wash and washroom facilities.

Advice to Doctor: Treat symptomatically.

5. Fire-fighting measures

Flammability: Product is non-combustible.

Suitable extinguishing media: Water, foam, dry chemical or carbon dioxide (CO2) as appropriate for surrounding materials.

Hazards from combustion: Non-specified harmful and/or irritating fumes or gases.

Decomposition temperature: Not available.

Specific hazards: Prevent extinguishing media from entering waterways, drains or sewers.

HAZCHEM Code: Not applicable.

Precautions for fire-fighters: Wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to product and smoke.

6. Accidental release measures

Emergency procedures:

Wear personal protection equipment to minimise exposure. Contain spill. If unable to recover liquid, absorb with an inert absorbent material (sand, sawdust, soil). Collect and place in labelled container that can be sealed before disposal. If contamination of waterways, drains or sewers occurs, immediately inform local council and emergency services.

7. Handling and storage

Precautions for Safe Handling:
Read label before use. Avoid inhalation of vapours and mists and contact with skin or eyes. Wear gloves. Use in a well-ventilated area to avoid build-up of vapours and mists. Follow good occupational hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Wash contaminated clothing before re-use. Keep containers closed when not in use.

Conditions for Safe Storage:
Keep out of reach of children. Store in a cool well-ventilated place in original container. Minimum storage temperature 1 ^{0}C. Do not exceed 40 ^{0}C.

8. Exposure controls/personal protection

Health Exposure Standards: No Workplace Exposure Standards (WES) have been set by WorkSafe NZ for components in this substance.
Biological limit values: None established.

Personal Protective Equipment:
Respiratory Protection: Respiratory protection may be necessary under certain use conditions. Under such conditions, an approved respirator with a replaceable mist filter according to local standards (AS/NZS 1715), must be worn.
Eye Protection: Recommended to wear safety glasses to avoid contact with eyes.
Skin/ Body Protection: Wear impervious gloves, e.g. nitrile, PVC, overalls, boots.

Other Information: Selection and use of personal protective equipment should be in accordance with the recommendations in one or more of the relevant Australian/New Zealand Standards, including:
AS/NZS 1336: Eye and face protection – Guidelines.
AS/NZS 1337: Personal eye protection - Eye and face protectors for occupational applications.
AS/NZS 1715: Selection, use and maintenance of respiratory protective equipment.
AS/NZS 2161: Occupational protective gloves.
AS/NZS 2210: Occupational protective footwear.
AS/NZS 4501: Occupational protective clothing set.

9. Physical and chemical properties

Appearance:	Viscous liquid (different colour options)
Odour:	No data available
Odour threshold:	Not available
pH:	Not determined
Melting point/Freezing point (^{0}C):	No data available
Boiling point/range (^{0}C):	No data available
Decomposition temperature (^{0}C):	No data available
Flash point (^{0}C):	Non flammable
Flammability (solid, gas):	Not applicable
Upper/lower flammability limits:	Not applicable
Vapour pressure:	No data available
Vapour density (Air=1):	No data available
Relative density:	1.04 – 1.10
Solubility in water:	Miscible
Partition coefficient (log Pow):	Not available
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Kinematic viscosity:	Not determined

10. Stability and reactivity

Chemical Stability: Stable under normal conditions of handling and storage.
Conditions to avoid: Extremes of temperature and direct sunlight, and incompatible materials.
Incompatible materials: Strong oxidizers, alkalis, acids.
Hazardous decomposition products: Thermal decomposition may produce toxic or irritating fumes and gases.
Hazardous polymerization: Not known to occur.

11. Toxicological information

Based on information on components in product and mixture classification rules.

Acute toxicity: Product is not classified as toxic by oral, dermal or inhalation exposure routes.

Effective Route:	LD50 (mg/kg):	Information:
Oral	>5000	As calculated from ingredients.
Dermal	>5000	As calculated from ingredients.
Inhalation	No data available.	No data available.

Aspiration hazard: Product does not contain any component identified with aspiration hazard.
Respiratory irritation: Product does not contain any component identified with respiratory irritation hazard.
Skin corrosion/irritation: Product contains components identified with corrosive or irritant properties.
Serious eye damage/irritation: Product contain components identified with corrosive or irritant properties.
Respiratory or Skin sensitization: Product does not contain components identified with respiratory sensitization. The product contains components identified with skin sensitization.
Germ cell mutagenicity: Product contains no components identified as presumed or suspected mutagens.
Carcinogenicity: Product contains no components identified as presumed or suspected carcinogen.
Reproductive toxicity: Product does not contain any components identified as presumed or suspected of impairing fertility or the unborn child.
Specific organ toxicity: Product contains components identified as presumed or suspected of damaging organs, but these do not trigger a classification for the product.
Narcotic effects: Product does not contain any component identified with having narcotic effects.
Toxicological Information: Not available for product.

12. Ecological information

Eco-toxicity: This product is not considered to have ecological toxicity.

Eco-toxicity (aquatic and terrestrial):

Effective Route:	LC50 (mg/L):	Information:
Aquatic	>100	As calculated from ingredients.
Terrestrial	No data available.	No data available.

Persistence and Degradability: No data available.
Bioaccumulation: No data available.
Mobility in Soil: No data available.
Other Information: No information available.

13. Disposal considerations

Disposal Methods: Empty containers retain product residues. Allow empty containers to dry before disposal. It is recommended to dispose of excess/unwanted product through paint recycling or disposal service. Do not allow product to enter drains or watercourses or dispose of where ground or surface waters may be affected.

Dispose of empty containers in accordance with local or National regulations. Incinerate if appropriate facility/equipment is available. Do not use container for storing any other product.

14. Transport information

New Zealand	This product is not classified as a Dangerous Good. Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.
UN Number:	Not applicable.
Proper Shipping Name:	Not regulated
DG Class:	-
Subsidiary Risk:	-
Packing Group:	-
HAZCHEM:	-

15. Regulatory information

New Zealand
Classified as a hazardous substance according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
HSNO Approval number: HSR002670 Surface coatings and colorants (Subsidiary Hazard) Group Standard 2017.
HSNO Controls: Refer to www.epa.govt.nz for EPA Notices and Controls relating to this product and use.

Also refer to WorkSafe NZ, www.worksafe.govt.nz for information.

16. Other information

Date of Issue:	04 September 2019
Reasons for issue:	Updated raw material information
Replaces:	Issue 1.0

Abbreviations:

EC50	50% effect concentration
EEL	Environmental Exposure Limit
EPA	Environmental Protection Authority
HSNO	Hazardous Substance and New Organisms
LD50	50% lethal dose
STEL	Short Term Exposure Limit (15 minute exposure period)
TWA	Time-Weighted Average (8 hours exposure period)
WES	Workplace Exposure Standard

References:
EPA www.epa.govt.nz
Supplier Safety Data Sheets

Other:
The information contained herein is given in good faith but no warranty, expressed or implied is made.
Consult supplier if additional information or explanation is required.

Disclaimer:

This SDS covers the use of this product for its intended purpose. PaintPlus Colour Systems accepts no liability for any damages or injuries related to the use or misuse of this product outside of its intended purpose.

End of safety data sheet