

LANGRIDGE

MATERIAL SAFETY DATA SHEET

Hazardous according to criteria of Workplace Australia

Date of issue May 2014

COMPANY DETAILS

Company name: Langridge Artist Colours Pty. Ltd.
Address: Factory 23, 155 Hyde Street, Yarraville. Victoria 3013. Australia
Other Information: Since the specific conditions of use of the product are outside the control of the supplier, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained within is correct to the best of this company's knowledge at the date of publication. The information relates only to the specific product designated and may not be valid for the product if used in combination with any other product or any processes other than those specified in the text.

IDENTIFICATION

Product name: Oxidising Patina
Other names: Metal Patination Chemical
UN No.: None allocated
Dangerous Goods Class: Not applicable
Subsidiary Risk: Not applicable
Hazchem Code: None allocated
Pack Group: None allocated
EPG: Not applicable
Poisons Schedule: Not applicable
Product Use: Decorative paint.

Physical Description/ Properties

Appearance: Pale blue liquid. Slight chlorine odour.
Formula: Mixture
Boiling Point: Approx. 100 deg C (water)
Melting Point: Approx. 0 deg C (water)
Vapour pressure: As for water
Specific Gravity: 1 (water=1)
Flash Point: Not applicable
pH: 5.5
Solubility in water: Completely dispersable
Flammability limits (as percentage volume in air)
Lower explosion limit: Not applicable
Upper explosion limit: Not applicable

INGREDIENTS

Chemical entity	CAS No.	Proportions
Ammonium Chloride	(7758-98-7)	1-10%
Copper Sulphate	(12125-02-07)	1-10%
H ₂ O		80-90%

HEALTH HAZARD INFORMATION

Health effects-Acute

Swallowed

Ingestion can cause gastric irritation.

Eye

Irritation

Skin

Irritation

Inhaled

Non irritating

Health effects-Chronic

No data available.

First Aid

Swallowed

Contact a doctor or the Poisons Information Centre.

Eye

Flush eyes with copious amounts of clean water for at least 15 minutes, retract eyelids often.

If irritation occurs seek medical attention.

Skin

Wash affected areas thoroughly with copious amounts of clean water.

If irritation occurs seek medical attention immediately.

Inhaled

Remove victim to fresh air. If difficulty in breathing or irritation occurs see medical attention immediately.

Advice to doctor

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

PRECAUTIONS FOR USE

Exposure standards

Tolerance=1000ppm in air

Engineering controls

Provide general exhaust ventilation to keep exposure levels to a minimum.

Personal protection

Ensure an eye bath and safety shower are available and ready for use.

Wear protective equipment to minimise exposure.

3.4 Flammability

Material is flammable. Keep away from sources of ignition.
NO SMOKING. Ventilate usage to prevent build up of flammable vapours.

SAFE HANDLING INFORMATION

Storage/Transport

Store in a cool place away from direct sunlight and other sources of heat. Store in accordance with all Commonwealth, State or Territory regulations relevant to Class 3 substances. Transport in accordance with the Australian Dangerous Goods Code. Keep containers tightly sealed.

Packaging/Labelling

UN No.	Not applicable
Class	Not applicable
Sub Risk	Not applicable
Hazchem Code	None allocated
Pack Group	None allocated
EPG Group	Not applicable
Shipping name	LANGRIDGE OXIDISING PATINA

Spills and Disposals

Spills

Contain spillage using absorbant soil or sand, sawdust, inert material.
Prevent contamination of drains, sewers or waterways.

Disposal

Dispose in accordance with all Local, State and Federal regulations by incineration at an approved waste disposal site.

FIRE AND EXPLOSION HAZARD

Fire/Explosion

No unusual fire or explosion hazards.

Extinguishing Media

Use dry chemical or polymer foam type extinguishers
Use media appropriate to surrounding fire conditions. Vapour density is heavier than air.

Contact points

Organisation	Location	Telephone	Ask for
Langridge Artist Colours	Yarraville, Victoria	61-3-9689 0577	Mr. D. Coles