Liquid Laminate

Liquid Laminate (Australia).
Safety Data Sheet according to WHS and ADG requirements

SECTION 1, IDENTIFICATION OF THE SUBSTANCE.

a, Product name, Liquid Laminate.
b, Variations included, all colors available in the Liquid Laminate range.

c, Other means of identification,
d, Relevant identified uses of the substance or mixture, and uses advised against,

Recognized use as touch up paint for small scratches, chips and damaged surfaces in the manufacturing and installation industry.
Not to be used as nail varnish/art, or any type of use on skin or hair.

Details of the supplier of the safety data sheet.

Registered company name,	Liquid Laminate (Australia). ABN: - 82 243 910 450.
Address,	19 Mountain Creek Rd, QLD, 4557, Australia.
Telephone,	0428770868.
Email,	liquidlaminateau@gmail.com

Emergency telephone number.
AUSTRALIAN POISONS CENTRE, 131126.

SECTION 2 HAZARDS IDENTIFICATION.

Classification of the substance or mixture.

NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS.
According to the WHS Regulations and the ADG Code.

Poisons Schedule Not Applicable
Classification [1] Acute Aquatic Hazard Category 3
Legend: 1. *Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI*

Label elements	Hazard pictogram(s)	Not Applicable
	SIGNAL WORD	NOT APPLICABLE

Hazard statement, **H402** Harmful to aquatic life.

Precautionary statement, Prevention, **P273** Avoid release to the environment.
Precautionary statement, Response, Not Applicable
Precautionary statement, Storage, Not Applicable
Precautionary statement, Disposal, **P501** Dispose of contents/container to authorized hazardous or special waste collection point in accordance with any local regulation.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances
See section below for composition of Mixtures.

Mixtures	CAS No,	84133-50-6
	%[weight],	0.1-1
	Name,	alcohols C12-14 secondary ethoxylated.

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact If this product comes in contact with eyes:
-Wash out immediately with water.
-If irritation continues, seek medical attention.
-Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact If skin or hair contact occurs:
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in the event of irritation.

Inhalation - If fumes, aerosols or combustion products are inhaled, remove from contaminated area.
- Other measures are usually unnecessary.

Ingestion - Immediately drink plenty of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Indication of any immediate medical attention and special treatment needed, Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media: - Water spray or fog.

Special hazards arising from the substrate or mixture.

Fire Incompatibility, Avoid contamination with oxidizing agents.

Advice for firefighters,

Fire Fighting.	Alert the Fire Brigade and tell them the location and nature of the hazard.
Fire/Explosion Hazard.	Non-Combustible.
HAZCHEM.	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures, See section 8
Environmental precautions, See section 12.
Methods and material for containment and cleaning up.
Minor Spills, contain spill with sawdust or sand then place in suitable container for disposal. Clean area with large quantity of water to complete clean- up.
Major Spills, Clear area of personnel and move upwind. Wear appropriate personnel protective equipment and clothing to prevent exposure. Avoid breathing!
in mists or vapors and skin or eyes contact. Contain spill with sawdust or sand then place in suitable container for disposal. Clean area with large quantity of water to complete clean- up.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling.

Safe handling,	Avoid unnecessary personal contact.
Other information:	Store in original containers.

Conditions for safe storage, including any incompatibilities.

Suitable container,	Packaging as recommended by manufacturer.
Storage incompatibility,	none known.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters. OCCUPATIONAL EXPOSURE LIMITS (OEL)
INGREDIENT DATA, Not Available

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
Liquid Laminate	Not Available	Not Available	Not Available	Not Available

Ingredient	Original IDLH	Revised IDLH
alcohols C12-14 secondary ethoxylated	Not Available	Not Available

Exposure controls

Appropriate engineering controls,	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.
Eye and face protection,	Safety glasses with side shields/Chemical goggles.
Skin protection,	See Hand protection below.
Hands/feet protection,	Wear general protective gloves, e.g. light weight rubber gloves. (GLOVE SELECTION Material PE/EVAL/PE)
Other protection,	Not usually required. Where the concentration of vapors in the

breathing zone approaches or exceeds the “Exposure Standards” respiratory protection is required. Type, A Filter of sufficient capacity.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties.

Physical state -	*Liquid.*	Relative density (Water = 1) -	1.07- 1.31.
Odor -	*Not Available.*	Partition coefficient n-octanol/ water -	*Not Available.*
Odor limit -	*Not Available.*	Auto-ignition temperature (°C) -	*Not Available.*
pH -	*8-9.*	Decomposition temperature -	*Not Available.*
Melting point / freezing point (°C)		----------	*Not Available.*
Viscosity (cSt) -	*700-1000.*	Initial boiling point/ boiling range (°C) -	*100.*
Molecular weight (g/mol)		----------	*Not Available.*
Flash point (°C) -	*Not Available.*	Taste -	*Not Available.*
Evaporation rate -	*Not Available.*	Explosive Properties -	*Not Available.*
Flammability	*Not Available.*	Oxidizing Properties -	*Not Available.*
Upper Explosive Limit (%) -		----------	*Not Available.*
Lower Explosive Limit (%) -		----------	*Not Available.*
Surface Tension (dyn/cm or mN/m) -		----------	*Not Available.*
Volatile Component (%vol) -		----------	*50-60.*
Vapor pressure (kPa) -	*Not Available.*	Gas Group -	*Not Available.*
Solubility in water –	*Miscible.*	pH as a solution (1%) -	*Not Available.*
Vapor density (Air = 1) -	*Not Available.*	VOC g/L -	*<60.*

SECTION 10 STABILITY AND REACTIVITY

For Reactivity, Possibility of hazardous reactions, Conditions to avoid & Incompatible materials.
See **section 7.**
Hazardous decomposition products. See **section 5.**
Chemical stability, Product is considered stable and hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION and effects.

Inhaled - The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models)

Ingestion - The material has NOT been classified by EC Directives or other classification systems as 'harmful by ingestion'. Isothiazolinones are moderately to highly toxic by oral administration.

Skin Contact - The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models).

Eye Contact - Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort.
characterized by tearing or conjunctival redness (as with windburn).

Chronic - Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless, exposure should be minimized as a matter of course.

Liquid Laminate.

TOXICITY, Not Available. IRRITATION, Not Available.

alcohols C12-14 secondary ethoxylated.

TOXICITY, Not Available. IRRITATION, Not Available.

Diuron is absorbed readily through the gut and lungs while uptake through the skin is more limited.

ALCOHOLS C12-14 SECONDARY ETHOXYLATED.

No significant acute toxicological data identified in literature search.
Polyethers, for example, ethoxylated surfactants and polyethylene glycols, are highly susceptible towards air oxidation as the ether oxygens will stabilize intermediary radicals involved.
Human beings have regular contact with alcohol ethoxylates through a variety of industrial and consumer products such as soaps, detergents and other cleaning products.
Alcohol ethoxylates are according to CESIO (2000) classified as Irritant or Harmful depending on the number of EO-units:
EO < 5 gives Irritant (Xi) with R38 (Irritating to skin) and R41 (Risk of serious damage to eyes)
EO > 5-15 gives Harmful (Xn) with R22 (Harmful if swallowed) - R38/41
EO > 15-20 gives Harmful (Xn) with R22-41
>20 EO is not classified (CESIO 2000)
Oxo-AE, C13 EO10 and C13 EO15, are Irritating (Xi) with R36/38 (Irritating to eyes and skin) .
AE are not included in Annex 1 of the list of dangerous substances of the Council Directive 67/548/EEC
In general, alcohol ethoxylates (AE) are readily absorbed through the skin of guinea pigs and rats and through the gastrointestinal mucosa of rats.
For high boiling ethylene glycol ethers (typically triethylene- and tetraethylene glycol ethers):
Skin absorption: Available skin absorption data for triethylene glycol ether (TGBE), triethylene glycol methyl ether (TGME), and triethylene glycol ethylene ether (TGEE) suggest that the rate of absorption in skin of these three glycol ethers is 22 to 34 micrograms/cm2/hr, with the methyl ether having the highest permeation constant and the butyl ether having the lowest.

Acute Toxicity	X	Carcinogenicity	X
Skin Irritation/Corrosion	X	Reproductivity	X
Serious Eye Damage/Irritation	X	STOT - Single Exposure	X
Respiratory or Skin sensitization	X	STOT - Repeated Exposure	X
Mutagenicity	X	Aspiration Hazard	X

Legend: X = Data either not available or does not fill the criteria for classification.

SECTION 12 ECOLOGICAL INFORMATION

Toxicity.
Liquid Laminate.

ENDPOINT.	TEST DURATION (HR).	SPECIES.	VALUE.	SOURCE.
Not Available	Not Available	Not Available	Not Available	Not Available

alcohols C12-14 secondary ethoxylated.

ENDPOINT.	TEST DURATION (HR).	SPECIES.	VALUE.	SOURCE.
Not Available	Not Available	Not Available	Not Available	Not Available

Legend: - Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances -Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment
Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Persistence and degradability.

Persistence: Water, Soil & Air,	No Data available for all ingredients.
Bio accumulative potential.	No Data available for all ingredients.
Mobility in soil.	No Data available for all ingredients.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods.
Product / Packaging disposal, Legislation addressing waste disposal requirements may differ by country, state and/ or territory.
DO NOT allow wash water from cleaning or process equipment to enter drains.
Recycle wherever possible or consult Local Authority for recycling options. Consult Local Authority for the disposal information. Do not discharge the substance into the environment.

SECTION 14 TRANSPORT INFORMATION

Labels Required: - Marine Pollutant, NO. HAZCHEM, NO.

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.
Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.
Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.
Transport in bulk according to Annex II of MARPOL and the IBC code, Not Applicable.

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture
ALCOHOLS C12-14 SECONDARY ETHOXYLATED IS FOUND ON THE FOLLOWING REGULATORY lISTS.
Australia Inventory of Chemical Substances (AICS)

National Inventory Status

Australia - AICS	Yes
Canada - DSL	Yes
Canada - NDSL	No (alcohols C12-14 secondary ethoxylated)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	No (alcohols C12-14 secondary ethoxylated)
Japan - ENCS	No (alcohols C12-14 secondary ethoxylated)
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	Yes
Vietnam - NCI	Yes
Russia - ARIPS	No (alcohols C12-14 secondary ethoxylated)

Legend: Yes = All CAS declared ingredients are on the inventory.
No = One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets).

SECTION 16 OTHER INFORMATION

Revision Date 1/07/2024
Initial Date 1/07/2024

Other information.
Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment.