

# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Derivan Acrylics  
: Various colours

**Codes:** DERA

**Use:** Educational, Decorative and Professional Painting

**Emergency number Mon-Fri 9am -5pm**

**Tel: +61 2 9736 2022**

**Supplier:**

Derivan Pty. Ltd.

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## 2. HAZARD IDENTIFICATIONS

**Hazard Classifications:** Non-hazardous substance and Non-dangerous goods according to the Criteria of NOHSC and the ADG Code

**Hazard Category:** None allocated as non-hazardous

**Risk Phrases:** None allocated as non-hazardous.

**Safety Phrases:** None allocated as non-hazardous.

**Warning Statement:** No particular hazards associated with this product.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	% w/w	CAS NUMBER
Water (aqua)	Up to 100	7732-18-5
Water based Acrylic Co-polymer emulsion	0 – 45	Proprietary
Pigments	10 – 45	Various
Surfactants, Dispersants	0 – 10	Various
Ammonia	0 - 1	1336-21-6

First Aid is not generally required. If in doubt, contact a poisons information centre (Aust. pH 131126: NZ 0800 764 766) or a doctor.

## 4. FIRST AID AND MEASURES

**Eyes:** Flush with water.

**Skin:** Wash with soap and water to remove.

**ADVICE TO DOCTOR:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Use water, dry chemical, carbon dioxide or foam.

**Unusual Fire and Explosion Hazards:** No particular fire and explosion hazards associated with this product.

**Warning Statement:** Product will burn under fire conditions, after the evaporation of the water component.

**Hazards from Combustion Products:** Under fire conditions, toxic fumes may be emitted. In extreme heat oxides of carbon and sulphur dioxide gas may be released.

**Precautions for Fire Fighters and Special Protective Equipment:** Breathing apparatus will be required to protect against the hazards from combustion products under extreme heat.

**Hazchem Code:** None allocated.

**Flammability:** This material is not flammable under normal conditions.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:** Avoid contact with eyes. Material may be slippery when spilt. Walk cautiously. Ventilate area.

**Dangerous Goods** – Not-applicable.

**Methods and Materials for Containment and Clean-up Procedures:** In case of gross spillage wear protective equipment to prevent eye contact. Bund area using dry sand or other inert materials to prevent run off into drains and waterways. Pump or scoop any free liquid into an appropriate container for disposal. Clean up spill area with absorbent dry sand, vermiculite or other inert material. Collect and seal in properly labelled container(s) for disposal as per local regulations. Do not flush to drains, waterways or sewers.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid direct contact with eyes. Handle and use in accordance with good occupational hygiene and safety practice.

**Conditions for Safe Storage:** Store in an area that is cool, dry and out of direct sunlight with adequate ventilation. Keep in original container and sealed when not in use for hygiene purposes.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National Exposure Standards:** No exposure standards are available for this product; however, the following exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) to the following components of the product:

**AMMONIA, AQUEOUS SOLUTION (Below Cut-off <0.5%) (NOHSC)**

**[TWA] 25 ppm 17 mg/mL**

**[STEL] 35 ppm 24 mg/mL**

**Biological Limit Values:** Not known.

**Engineering Controls:** Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

**Personal Protection Equipment:**

**Eye/Face Protection:** Safety glasses with side shields, goggles or full-face shield as appropriate are recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337

**Respiratory Protection:** Avoid breathing of vapours/mists; ensure adequate ventilation.

Respiration is generally unnecessary; unless working with spray applying (airbrush equipment or some other form of atomizing spray equipment). Where breathing apparatus is required, use either respirator with organic/ammonia cartridge, or a Self-Contained Breathing Apparatus (SCBA) with positive air supply. All the breathing apparatus used to be complied with AS/NZS 1715/1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Thin coloured liquid
<b>Flash Point:</b>	Non Allocated – Non Combustible.
<b>Odour:</b>	Pleasant Odour.
<b>Specific Gravity:</b>	1.0 – 1.2 g/mL
<b>Boiling Point:</b>	100°C.
<b>Flammability Limits:</b>	Not applicable.
<b>Vapour Pressure:</b>	Not Tested.
<b>Solubility in Water:</b>	Insoluble.
<b>pH:</b>	8.0 – 10.0

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal storage and handling conditions.

**Hazardous Decomposition Products:** Under fire conditions, toxic fumes may be emitted. In extreme heat oxides of carbon and sulphur dioxide gas may be released.

**Hazardous Reactions:** Hazardous polymerization will not occur.

**Incompatible Materials:** Reacts with substances which are incompatible with water.

**Conditions to Avoid:** Avoid substances which are incompatible with water. Avoid extreme temperatures (i.e. <5°C or >35°C)

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

**Acute Health Effects:**

**Ingested:** May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

**Eye:** Will cause irritation to the eyes, with effects including tearing, pain, and blurred vision.

**Skin:** May cause irritation to sensitive skin on prolonged contact, with effects including redness, itchiness and rash.

## 12. ECOLOGICAL INFORMATION

**Eco toxicity:** Not known.

**Mobility:** Not known.

**Persistence / Degradability:** Not known. Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of dry product into usual/household waste stream. Small amounts of the product can be disposed of in usual waste stream however large amounts of wet product should be disposed of by a licensed contractor.

**Container Handling and Disposal:** When containers are empty, it can be disposed of via general/household recycling stream.

## 14. TRANSPORT INFORMATION

**UN Number:** None allocated

**UN Proper Shipping Name:** None allocated

**Dangerous Goods Class:** None allocated

**Subsidiary risk:** None allocated

**Packing Group:** None allocated

**Hazchem Code:** None allocated

**Road and Rail Transport (ADG):** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) for transport by road and rail.

**Marine Transport (IMO/IMDG):** Not classified as a Dangerous Good according to the International Maritime Organization Rules (Maritime Dangerous Goods Code - IMDG Code) for transport by sea.

**Air Transport (ICAO-IATA):** Not classified as a Dangerous Good according to the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. Note: May vary from country to country.

**SUSDP:** Not scheduled

## 15. REGULATORY INFORMATION

### Inventory Status:

**Australia (AICS)** All ingredients are on the inventory or exempt from listing.

**United States (TSCA)** All ingredients are on the inventory or exempt from listing.

## 16. OTHER INFORMATION

**Date of Preparation:** 08/01/2015

**Issue date:** 08/01/2015

**Reasons for Update:** General update.

### ALLERGIES

To the best of our knowledge there has been no intentional addition of dairy, egg, nuts, grains, cereals and soy or gluten products to this product by either Derivan Pty Ltd or our raw material suppliers. Whilst none of our raw material suppliers MSDS state that they do contain any of the allergens, we are not in a position to 100% guarantee that this product is free of the above listed products, due to the limited knowledge of our supplier's processes. Derivan Pty Ltd normal practices is not to provide a list of ingredients, due to commercial sensitivity but we welcome direct case by case communication with the end user to assist with this issue on a personal basis.

### Key Legend Information:

NOHSC - National Occupational Health & Safety Commission

ADG Code - The Australian Dangerous Goods for the Transport of Dangerous Goods by Road and Rail, (ADG Code)

TWA - Time Weighted Average

STEL - Short Term Exposure Limit

EPA - Environmental Protection Agency

Principal References:

- The National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition
- NOHSC: 2011(2003)
- Standard for the Uniform Scheduling of Drugs and Poisons No. 21 Effective date 1 June 2006
- National Exposure Standards for Atmospheric Contaminants in the Occupational Environment
- [NOHSC: 1003 (1995)]
- The Australian Dangerous Goods for the Transport of Dangerous Goods by Road and Rail, (ADG Code).

**Disclaimer:**

The above information is accurate to the best of the knowledge available to us. However, since data, safety standards and Government regulations are subject to change, and the conditions of handling and use (or misuse) are beyond our control, we make no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein AND disclaims all liability for reliance thereon. Users should satisfy them that they have all data relevant to their particular use.

**End of MSDS**