

## Safety Data Sheet – UV Resin

---

**1. Identification****Product Name:** UV Resin**UN Number:** Not Applicable**Recommended Use:** Sealing, decorative, and waterproofing applications.**Proper Shipping Name:** Not Applicable**NZ Supplier:****Name:** Artmore Ltd**Address:** 2/57 Kerwyn Avenue  
East Tamaki  
Auckland 2013**Phone:** 09 273 4032**Email:** info@resinart.nz**Website:** www.resinart.nz**Emergency Contacts:** Emergency Services (Fire, Ambulance, Police) – Dial 111National Poisons Information Centre – 0800 764 766  
(0800 POISON)

Company Contact – 09 273 4032

---

**2. Hazard Identification****Statement of Hazardous Nature:**

This preparation is classified as a health or environmental hazard according to the Hazardous Substances (Hazard Classification) Notice 2020.

Not classified as a Dangerous Good according to NZS 5433.

**Hazard Classification:**

Skin sensitisation category 1

Hazardous to the aquatic environment – Chronic category 2

**Prevention Statements:**

Avoid breathing dust/fume/gas/mist/vapours/spray.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves.

Avoid release to the environment.

**Hazard Statements:**

May cause an allergic skin reaction

Toxic to aquatic life with long lasting effect

**Warning**

---

**3. Composition & Information on Ingredients**

Ingredient	CAS Number	Concentration (%)
7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate	72869-86-4	70 - 90
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol	27813-02-1	9 - 29
DI-bornane-2,3-dione	10373-78-1	1

---

**4. First Aid Measures**

New Zealand Poisons &amp; Hazardous Chemicals National Information Centre

phone 0800 POISON – 0800 764 766

**Skin:** IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse.

Specific Treatment (see on product label).

**Eyes:** IF IN EYES: If eye irritation occurs wash with water for several minutes. If eye irritation persists: Get medical advice/attention.**Ingestion:** IF SWALLOWED: Call a doctor if you feel unwell.**Inhalation:** IF INHALED: Seek fresh air if required. Seek medical attention if you start to feel unwell.**Advice to Doctor:** Treat symptomatically.

---

## 5. Fire Fighting Measures

**Flammability:** Not classified as Flammable or Combustible

**Extinguishing media:** Use appropriate for surrounding materials. Prevent contamination of drains or water ways.

**Hazardous Combustion products:** Carbon and nitrogen oxides may be formed.

**Fire Fighting Instructions:** No additional information available.

---

## 6. Accidental Release Measures

**Spills:** Absorb spill with sand or similar. Collect spillage, and place in sealable containers for disposal. Prevent spill from entering storm water and sewer drains and watercourses.

---

## 7. Handling & Storage

### Safe Handling

Before use carefully read the product label.  
Use of safe work practices are recommended to avoid eye or skin contact.  
Observe good personal hygiene, including washing hands before eating.  
Prohibit eating, drinking, and smoking in work areas.

### Storage

Store in cool, dry area, removed from foodstuffs.  
Ensure containers are labelled, protected from physical damage and sealed when not in use.  
Do not store liquid product in direct sunlight.

Certified Handler: Not required

---

## 8. Exposure Controls & Personal Protection

### Exposure Standards

**Workplace Exposure Standards (WES):** No exposure limits set for this product or its ingredients in the Workplace exposure standards and biological indices (14th Edition, November 2023, WorkSafe).

**Biological Exposure Indices (BEI):** No biological exposure indices have been set for this product.

### Engineering Controls

**Ventilation:** Ensure adequate ventilation – optimise natural airflows.

### Personal Protection (PPE)

Wear protective gloves/clothing and eye/face protection.  
Contaminated work clothing should not be allowed out of the workplace

**Eyes/Face:** Splash resistant safety glasses with side shields or safety goggles (AS/NZS 1337)

**Skin:** Use butyl rubber or nitrile rubber gloves. The glove material must be impermeable and resistance to the product (in accordance with AS/NZS 2161). Consult your glove supplier for specific product information.

**Respiratory:** Not required under the recommended storage and handling conditions. In case of inadequate ventilation, wear an approved respirator. Respiratory protection should comply with AS/NZS 1716 and maintained with AS/NZS 1715.

---

## 9. Physical & Chemical Properties

**Appearance:** Clear Viscous Liquid

**Odour:** Odourless

**Odour threshold:** No Data Available

**pH:** No Data Available

**Melting point:** No Data Available

**Boiling point:** Approx. 200°C (Lit)\*\*

**Flash point:** Approx. >110°C\*\*

**Flammability:** Not classified as Flammable or Combustible.

**Lower Flammability Limit (LEL):** No Data Available

**Upper Flammability Limit (UEL):** No Data Available

**Vapour pressure:** 0Pa at 25°C\*\*

**Vapour density:** No Data Available

**Relative density:** No Data Available

**Solubility (water):** Approx. 11.29mg/L at 20°C\*\*

**Partition coefficient: n-octanol/water:** No Data Available

**Autoignition temp:** No Data Available

**Decomposition temp:** No Data Available

**Viscosity (kinematic):** No Data Available

\*\*In relation to the 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate content.

---

## 10. Stability & Reactivity

**Stability:** Considered unreactive under normal storage and handling conditions.

**Reactivity:** Unreactive under standard conditions.

**Conditions to avoid:**

**Incompatible Materials:** Atmospheric UV exposure may result in gradually hardening of the polymer into a solid.

**Hazardous decomposition products:** Carbon and nitrogen oxides may be formed.

---

## 11. Toxicological Information

### Health Effects / Symptoms of Exposure

#### **Acute Exposure:**

**Skin:** Not classified as a skin irritant. Repeated skin contact may result in irritation.

**Eyes:** May cause eye irritation.

**Ingestion:** Ingestion of large amounts will cause gastrointestinal discomfort.

**Inhalation:** Not expected to cause an inhalation hazard (see section 8 regarding ventilation).

**Aspiration Hazard:** Not classified as an aspiration Hazard.

#### **Chronic Exposure:**

**Respiratory or Skin sensitisation:** Dermal sensitisation expected through repeated contact.

**Mutagenicity:** Not classified as a mutagen.

**Carcinogenicity:** Not classified as a carcinogenic substance.

**Reproductive Toxicity:** Not classified as having reproductive toxicity.

**Specific Target Organ Toxicity (STOT):** Not classified as toxic in relation to specific target organs.

### Toxicological Data

No data available for this product or its ingredients.

---

## 12. Ecological Information

**Persistence in environment:** No Data Available

**Biodegradability:** No Data Available

**Mobility:** No Data Available

### Ecotoxicological Data

No data available for this product as a whole.

The 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate ingredient does trigger a Aquatic Chronic Category 2 classification, there is no listed information showing environmental exposure showing how this classification was determined.

Data source: ECHA: European Chemical Agency

---

## 13. Disposal Considerations

Product is non-hazardous. Small quantities may be disposed of through normal household / commercial waste removal facilities. Bulk or contaminated product may be disposed of through an approved hazardous waste contractor.

Containers may be recycled if clean and free of residue

Containers may only be recycled if clean and free of residue so as to be non-hazardous.

---

## 14. Transport Information

Not classified as a Dangerous Good according to NZS 5433:2007

**Proper Shipping Name:** Not applicable

**UN Number:** Not applicable

**DG Class:** Not applicable

**Subsidiary Risk:** Not applicable

**Packing Group:** Not applicable

**Marine Pollutant:** Not applicable

---

## 15. Regulatory Information

### HSNO Approval

All ingredients listed in the NZIoC.

**HSNO Group Standard:** N.O.S. (Subsidiary Hazard) Group Standard 2020, HSR002624

## 16. Other Information

### Abbreviations / Terminology:

AS/NZS	Joint Australian New Zealand Standard
AS/NZS 1337	Personal eye-protection
AS/NZS 1715	Selection, use and maintenance of respiratory protective equipment
AS/NZS 1716	Respiratory protective devices
AS/NZS 2161	Occupational protective gloves
CAS#	Chemical Abstract Service number (a unique identifier for chemicals)
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
NZIoC	New Zealand Inventory of Chemicals
NZS 5433	Transport of Dangerous Goods on Land

Prepared with reference to:

- *Hazardous Substances (Safety Data Sheets) Notice 2017* published by Environmental Protection Authority, New Zealand.

**Current Version:** 11 December 2023

**Revision Information:** revised GHS-7 information in relation to NZ requirements. Assigned product to an applicable Group Standard.

SDS may be revised from time to time, please ensure you have a current copy.

This revision:

Previous revision dated: 27 March 2023

### Disclaimer:

This safety data sheet attempts to describe as accurately as possible the potential exposures associated with normal use of the product described herein. Health and safety precautions in the data sheet may not be adequate for all individuals and/or situations. Users have the responsibility to evaluate and use this product safely and to comply with all applicable laws and regulations.

Whilst the information contained in this document is based on data, which, to the best of our knowledge, was accurate and reliable at the time of preparation, no warranty or responsibility can be accepted by us for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, no responsibility can be accepted by us for any loss or damage caused by any person acting or refraining from action as a result of this information.

--END OF SDS