

# AALTO PREMIUM EXTERIOR ACRYLIC SEMIGLOSS RANGE

Date of issue: 9 June 2023

NZ Safety Data Sheet

## 1. Identification of the Substance/Mixture and Supplier.




Product name:	Aalto Premium Exterior Acrylic Semigloss Range (307-100 – White, 307-102 –Half White, 307-103 – Quarter White, 307-105 – Crystal Base)
Application:	Paint
Company:	DECORA GROUP LTD 7 Akatea Road, Glendene, Auckland, New Zealand.
Telephone:	09 818 9215
Facsimile:	09 818 7862
Emergency telephone:	0800 761 333

## 2. Hazards Identification.

**HSNO Status:** Classified as hazardous according to the criteria of HSNO. HSNO approval number HSR002670

**DG Status:** Not classified as Dangerous Goods according to NZS5433

**Signal Word:** WARNING

HAZARD CLASSIFICATIONS HSNO	HAZARD STATEMENTS	GHS Pictogram
Eye irritation Category 2	H319 Causes serious eye irritation.	
Skin sensitisation Category 1	H317 May cause an allergic skin reaction.	
Specific target organ toxicity – repeated exposure Category 2	H373 May cause damage to organs through prolonged or repeated exposure.	
Hazardous to the aquatic environment chronic Category 3	H412 Harmful to aquatic life with long lasting effects.	N/A

### PREVENTION STATEMENTS

P103	Read carefully and follow all instructions
P104	Read Safety Data Sheet before use.
P260	Do not breathe mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

### RESPONSE STATEMENTS

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.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Take off contaminated clothing and wash before re-use.
P314	Get medical advice/attention if you feel unwell.
P273	Avoid release to the environment.

### STORAGE STATEMENTS

### DISPOSAL STATEMENTS

P501	Refer to Section 13.
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<b>3. Composition/Information on Ingredients.</b>		
<u>Chemical Entity</u>	<u>CAS Number</u>	<u>Proportion %w/w</u>
Rheolate 244		<5
Acticide MBS		<0.5
Balance of ingredients: Non-hazardous, or below the hazardous threshold.		
<b>4. First Aid Measures.</b>		
<b>Swallowed</b>	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur.	
<b>Inhaled</b>	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.	
<b>Eye Contact</b>	If splashed in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.	
<b>Skin Contact</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.	
<b>Further Information</b>	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.	
<b>5. Fire-Fighting Measures.</b>		
<b>Suitable extinguishing media</b>	In case of fire, use water spray (fog), foam, dry chemical or CO <sub>2</sub> .	
<b>Unsuitable extinguishing media</b>	High volume water jet.	
<b>Hazards from the substance</b>	In a fire or if heated, a pressure increase will occur and the container may burst.	
<b>Hazardous combustion products</b>	Decomposition products may include: Carbon oxides, Nitrogen oxides, Other noxious substances.	
<b>Special precautions for fire-fighters</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.	
<b>Special protective equipment for fire fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.	
<b>6. Accidental Release Measures.</b>		
<b>Personal precautions</b>	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.	
<b>Environmental precautions</b>	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	
<b>Small spill</b>	Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Eliminate all ignition sources. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.	
<b>Large spill</b>	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Eliminate all ignition sources. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as	

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	the spilt product.		
<b>7. Handling and Storage.</b>			
<b>Handling</b>	Wear appropriate PPE, and ensure there is adequate ventilation and extraction in the work area. Avoid skin or eye contact, or breathing in the product. Follow precautions listed in section 2 for handling flammable/combustible liquids.		
<b>Storage</b>	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight. Keep away from heat, sparks and open flame.		
<b>8. Exposure Control/Personal Protection</b>			
<b>Exposure Standards</b>			
No exposure limits set for the finished product, listed components below.			
Product/Ingredient	WES/TWA	WES/STEL	Reference
Zinc oxide	-/2mg/m <sup>3</sup> -/0.1(r)	-/5mg/m <sup>3</sup> -/0.5(r)	NZ-WES
(r) The value for respirable dust.			
Engineering Controls	General ventilation and local exhaust should be suitable to keep vapour concentrations below WES/TWA. Ventilation equipment should be explosion-proof when operating in flammable zones.		
Personal Protection			
Respiratory	Wear a vapour respirator, if poor ventilation.		
Eyes	Wear chemical goggles/face protection.		
Hands	Wear chemical gloves – PVC, Polychloroprene or Nitrile.		
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.		
			
<b>9. Physical and Chemical Properties</b>			
PROPERTY	SPECIFICATION		
Appearance (physical state, colour, etc.)	Liquid, MCR		
Odour	Not available		
Odour threshold	Not available		
pH	8.5-9.5		
Melting point/freezing point	Not available		
Initial boiling point and boiling range	Not available		
Flash point	Not available		
Flammability (solid, gas)	Not available		
Upper/lower flammability or explosive limits	Not available		
Vapour pressure	Not available		
Vapour density	Not available		
Relative density	1.10-1.20		
Solubility (ies)	Not available		
Partition coefficient: n-octanol/water	Not available		
Auto-ignition temperature	Not available		
Decomposition temperature	Not available		
Kinematic viscosity	95-115		

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<b>10. Stability and Reactivity</b>	
<b>Stability</b>	The product is stable
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	None known.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>11. Toxicological Information</b>	
Original data sourced from CCID and RM SDSs	
Classification:	Eye Irritant – Category 2
Health Effects:	Causes serious eye irritation.
Reference:	Derived by applying mixture rules.
Classification:	Skin sensitisation Category 1
Health Effects:	May cause an allergic skin reaction
Reference:	Derived by applying mixture rules.
Classification:	STOT-RE – Category 2
Health Effects:	May cause damage to organs through prolonged or repeated exposure.
Reference:	Derived by applying mixture rules.
Acute Oral Toxicity	Does not trigger HSNO classification
Acute Dermal Toxicity	Does not trigger HSNO classification
Acute Inhalation Toxicity	Does not trigger HSNO classification
Acute Aspiration Toxicity	Does not trigger HSNO classification
Skin Irritancy/Corrosion	Does not trigger HSNO classification
Respiratory Sensitisation	Does not trigger HSNO classification
Mutagenic	Does not trigger HSNO classification
Carcinogenic	Does not trigger HSNO classification
Reproductive/Development Toxicity	Does not trigger HSNO classification
STOT-SE	Does not trigger HSNO classification
Swallowed:	Not available
Inhaled:	Not available
Skin:	Not available
Eyes:	Not available
Chronic Effects:	Not available
Toxicity Data	
Product Acute Toxicity Estimate	
ORAL LD50 >2000 mg/kg	
DERMAL LD50 >2000 mg/kg	
INHALATION LC50 (vapours) >20 mg/L/4H	
INHALATION LC50 (dust/mist)	

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>5 mg/L/4H			
Product/Ingredient:	LD50 – Oral, mg/kg	LD50 – Dermal, mg/kg	LC50 – Inhalation, mg/L/4H
Ammonia 910 (25%)	>300		
Tergitol 15 S9	>412		
<b>12. Ecological Information</b>			
This product is classified as Ecotoxic according to the criteria of HSNO.			
Ecotoxic Ingredients:			
Ingredient	Classification		
Ammonia 910 (25%)	Hazardous to the aquatic environment Acute Category 1		
Troysan MXCR	Hazardous to the aquatic environment Acute Category 2		
Nuosperse FA115	Hazardous to the aquatic environment Acute Category 3		
Acticide MBS	Hazardous to the aquatic environment Acute Category 2		
Zinc Oxide	Hazardous to the aquatic environment Acute Category 1 Hazardous to the aquatic environment Chronic Category 1		
Texanol	Hazardous to the aquatic environment Acute Category 3		
Product/Ingredient	Species, L(E)C50		
	FISH		
Ammonia 910	Rainbow trout, LC50: 0.53mg/L		
Texanol	Fathead minnow, LC50: 33mg/L/96h		
	CRUSTACEAN		
Ammonia 910	Daphnia magna, LC50: 0.66mg/L		
Zinc oxide	Daphnia magna, LC50: 0.098mg/L		
Texanol	Water flea, EC50: 147.8mg/L/48h		
	ALGAL		
Zinc oxide	Algae, EC50: 0.03mg/L		
Texanol	Pseudokirchneriella subcapitata, ErC50: 15mg/L/72h		
Product/Ingredient:			
Persistence & Degradability	Not available		
Mobility	Not available		
Bioaccumulative Potential	Not available		
Other	Not available		
Product Calculated Aquatic Ecotoxicity – L(E)C50 mg/L:			
Hazardous to the aquatic environment chronic Category 3: >10 - ≤100			
Ecotoxicity Data – CCID – Not available			
Persistence & Degradability - Not available			
Mobility - Not available			
Bioaccumulation Potential - Not available			
Other - Not available			

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## 13. Disposal Considerations.

Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

## 14. Transportation Information.

Not regulated for transport.  
Keep separated from foodstuffs.

## 15. Regulatory Information.

Group Standard:	Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020.
HSNO Approval Number:	HSR002670.

### HSNO CONTROLS

SDS required when any quantity is present in a workplace.

Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace

Ecotoxic signage required when >1000L is stored.

Certified Handler	Not Required
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Tracking	Not Required
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All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.

Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance.

This material is not subject to the following agreements:

- Montreal Protocol (Ozone Depleting Substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)

## 16. Other Information.

HSNO = Hazardous Substances and New Organisms Act 1996.  
EPA = Environmental Protection Authority  
CCID = Chemical Classification and Information Database (EPA)  
NZ WES = New Zealand Work Exposure Standard  
TWA = Time Weighted Average  
STEL = Short Term Exposure Limit

Date of SDS Preparation: 9 June 2023.  
Replaces Version Dated: 1 April 2022.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.