

# PROCOAT PREMIUM SEMIGLOSS ENAMEL

Date of issue: 16 November 2021 NZ Safety Data Sheet

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










Product name:	Procoat premium semigloss enamel (341-100)
Application:	Surface coating
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 HSR002669

**DG Status:** Classified as Dangerous Goods according to NZS5433

**Signal Word:** DANGER

HAZARD CLASSIFICATIONS HSNO	HAZARD STATEMENTS	GHS Pictogram
Flammable liquid, category 3	H226 Flammable liquid and vapour.	
Aspiration hazard Category 1	H304 May be fatal if swallowed and enters airways.	
Eye irritation Category 2	H319 Causes serious eye irritation.	
Skin sensitisation Category 1	H317 May cause an allergic skin reaction.	
Carcinogenicity Category 2	H351 Suspected of causing cancer.	
Specific target organ toxicity – repeated exposure Category 1	H372 Causes damage to organs through prolonged or repeated exposure.	
Specific target organ toxicity – single exposure Category 2	H371 May cause damage to organs.	
Specific target organ toxicity – single exposure Category 3 narcotic effects	H336 May cause drowsiness or dizziness.	
Hazardous to the aquatic environment chronic Category 2	H411 Toxic to aquatic life with long lasting effects.	

## PREVENTION STATEMENTS

P102	Keep out of reach of children.
P103	Read label before use.
P104	Read Safety Data Sheet before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.

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P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	DO not breathe fume/gas/mist/vapours.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.

### RESPONSE STATEMENTS

P101	If medical advice is needed, have product container or label at hand.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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 occurs: Get medical advice/ attention.
P363	Wash contaminated clothing before reuse.
P308+P313	IF exposed or concerned: Get medical advice/ attention.
P304+P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P309+P311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P391	Collect spillage.
P370+P378	In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.

### STORAGE STATEMENTS

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

### DISPOSAL STATEMENTS

P501	Refer to Section 13.
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### 3. Composition/Information on Ingredients.

Chemical Entity	CAS Number	Proportion %w/w
Synolac S63		25-30
Setal 53-108/60	67472-82-1, 1330-20-7	<10
White spirits hi flash		10-15
Troymax 2002 drier blend		<1
Pegasol R100/solvent 100	64742-95-6	<5
Balance of ingredients: Non-hazardous, or below the hazardous threshold.		

### 4. First Aid Measures.

<b>Swallowed</b>	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention immediately.
<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 immediately.

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<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 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
Xylene (o-, m-, p- isomers)	50ppm/217mg/m <sup>3</sup>		NZ-WES

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Naphthalene	0.5ppm/2.6mg/m <sup>3</sup>	2ppm/10mg/m <sup>3</sup>	NZ-WES
Quartz <sup>1</sup>	-/0.05mg/m <sup>3</sup>		NZ-WES

<sup>1</sup>Quartz is only a problem as a respirable dust, once bound it is non hazardous.

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.
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Personal Protection	
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Respiratory	Wear a vapour respirator.
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Eyes	Wear chemical goggles/face protection.
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Hands	Wear chemical gloves – PVC, Polychloroprene or Nitrile.
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Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.
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### 9. Physical and Chemical Properties

PROPERTY	SPECIFICATION
Appearance (physical state, colour, etc.)	Liquid, White
Odour	Not available
Odour threshold	Not available
pH	Not available
Melting point/freezing point	Not available
Initial boiling point and boiling range	Est. 147-199°C
Flash point	Est. 31°C
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	1.30-1.32
Solubility (ies)	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Kinematic viscosity	75-80

### 10. Stability and Reactivity

<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>	Fire, sparks, static electricity, heat, ignition sources.
<b>Incompatible materials</b>	Oxidising materials.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 11. Toxicological Information

Original data sourced from CCID and RM SDSs

Classification:	Aspiration Hazard – Category 1
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Health Effects:	May be fatal if swallowed and enters airways.
Reference:	Determined by applying mixture rules.
Classification:	Eye Irritant – Category 2
Health Effects:	Causes serious eye irritation.
Reference:	Determined by applying mixture rules.
Classification:	Skin sensitisation Category 1
Health Effects:	May cause an allergic skin reaction
Reference:	Determined by applying mixture rules.
Classification:	Carcinogenicity Category 2
Health Effects:	Suspected of causing cancer.
Reference:	Determined by applying mixture rules.
Classification:	STOT-SE – Category 2
Health Effects:	May cause damage to organs.
Reference:	Determined by applying mixture rules.
Classification:	STOT-SE, Cat 3 (narcotic effects)
Health Effects:	May cause drowsiness or dizziness.
Reference:	Determined by applying mixture rules.
Classification:	STOT-RE – 6.9A
Health Effects:	Causes damage to organs through prolonged or repeated exposure.
Reference:	Determined 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
Skin Irritancy/Corrosion	Does not trigger HSNO classification
Respiratory Sensitisation	Does not trigger HSNO classification
Mutagenic	Does not trigger HSNO classification
Reproductive/Development Toxicity	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)	>5 mg/L/4H



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<b>12. Ecological Information</b>	
This product is classified as Ecotoxic according to the criteria of HSNO.	
Ecotoxic Ingredients:	
Ingredient	Classification
Pegasol R100/Solvent 100	Hazardous to the aquatic environment chronic Category 2
Setal 53-108/60	Hazardous to the aquatic environment chronic Category 2
White spirits	Hazardous to the aquatic environment chronic Category 2
Synolac S63	Hazardous to the aquatic environment chronic Category 2
Troymax 2002 drier blend	Hazardous to the aquatic environment chronic Category 3
Product/Ingredient	Species, L(E)C50
FISH	
Pegasol R100/Solvent 100	LL/EL/IL50 (fish): 1-10mg/L
Naphthalene	LC50 (Bluegill): 31026µg/L/96h
Naphthalene	LC50 (Pink Salmon): 900µg/L/96h
Naphthalene	LC50 (Crimson Spotted rainbow trout): 315µg/L/96h
White spirits	Oncorhynchus mykiss: 10-30 mg/l/96h
CRUSTACEAN	
Pegasol R100/Solvent 100	LL/EL/IL50 (aquatic invertebrates): 1-10mg/L
White spirits	EL50 (Daphnia magna): 10-22 mg/l/48h
ALGAL	
Pegasol R100/Solvent 100	LL/EL/IL50 (algae): 1-10mg/L
Naphthalene	EC50 (Green algae): 25000µg/L/7-8 days
White spirits	ErL50: 4.1 mg/l/72h(Pseudokirchneriella subcapitata)
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 2: >1 - ≤10	
Ecotoxicity Data – CCID – Not available	
Persistence & Degradability - Not available	
Mobility - Not available	
Bioaccumulation Potential - Not available	
Other - Not available	
<b>13. Disposal Considerations.</b>	
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	

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information.	
<b>14. Transportation Information.</b>	
Regulated for transport UN Number: Proper Shipping Name: Class: Packing Group: Hazchem: Marine Pollutant:	Keep separated from foodstuffs 1263 PAINT (contains petroleum distillates) 3 III 3Y Yes
Land/Sea/Air 	EHSM also required for Sea/Air 
<b>15. Regulatory Information.</b>	
Group Standard:	Surface Coatings and Colourants (Flammable, Carcinogenic) Group Standard 2020
HSNO Approval Number:	HSR002669
<b>HSNO CONTROLS</b>	
SDS required when any quantity is present in a workplace.	
At least 2 x 4.5kg powder fire extinguishers required when 500L is present in a workplace.	
Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace	
Flammable signage required when >1000L is stored.	
Ecotoxic signage required when >1000L is stored.	
(Class Flammable Liquid, category 3) Hazardous Substances Location Compliance Certificate required for:	>500L (closed containers >5L) >1500L (closed containers up to 5L) >250L (open containers)
(Class Flammable Liquid, category 2/3 - 3.1B, 3.1C) Hazardous Atmosphere Zone required for:	>100L (closed containers) >25L (decanting) >5L (open occasionally) >1L (open containers in continuous use)
Certified Handler	Not Required
Tracking	Not Required
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:	
<ul style="list-style-type: none"> <li>• Montreal Protocol (Ozone Depleting Substances)</li> <li>• The Stockholm Convention (Persistent Organic Pollutants)</li> <li>• The Rotterdam Convention (Prior Informed Consent)</li> </ul>	
<b>16. Other Information.</b>	
HSNO = Hazardous Substances and New Organisms Act 1996.	

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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: 16 November 2021

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.