

# SAFETY DATA SHEET



Product name: PP202 Powder Pearl Solaris Red

Product code: PP202

Print Date: 2018-07-30

v4.4

Revision Date: 2018-04-03

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## 1. Identification of the substance/mixture and of the company/undertaking

**Product name** PP202 Powder Pearl Solaris Red

**Product code** PP202

### Intended use of the substance/preparation

Pigment used in coating manufacturing (for professional use)

### Supplier

Axalta Coating Systems Australia Pty Limited  
Street address 15 - 23 Melbourne Road, Riverstone NSW 2765, Australia  
Telephone  
Telefax

### Emergency Information

Emergency telephone number +(64) 9801 0034  
NZ Poisons Information Centre: 0800 764 766 or +(64) 3 479 7248

Importer Resene Automotive & Light Industrial

Street/Box 4 Te Apunga Place, Mt Wellington,  
Auckland, NZ

Nat.-Code/Postal code/City  
Telephone +64 (09) 259 2738

Date of preparation 2018-07-30

## 2. Hazards identification

Not classified as a Dangerous Good under NZS 5433

Not classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001

### HSNO Classification

Not classified according to GHS criteria

### GHS-Labeling

Hazard symbols

Not classified according to GHS criteria

Signal word: Not classified according to GHS criteria

Hazard statements

Not classified according to GHS criteria

Precautionary statements

Not classified according to GHS criteria

### Other hazards which do not result in classification

May form explosible dust-air mixture if dispersed.

## 3. Composition/information on ingredients

### Pure substance/mixture

Mixture

### Hazardous components

CAS-No.	Chemical name	Concentration	GHS Hazardous
1344-28-1	Aluminum oxide (Al <sub>2</sub> O <sub>3</sub> )	50 - 60%	
13463-67-7	Titanium dioxide	40 - 50%	

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CAS-No.	Chemical name	Concentration	GHS Hazardous
18282-10-5	Tin oxide	0.3 - 1.0%	✓
1314-23-4	Zirconium oxide	0.3 - 1.0%	

Non-regulated ingredients 0.0 - 0.1%

## 4. First aid measures

### Eye contact

Remove contact lenses. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek medical advice.

### Skin contact

Do NOT use solvents or thinners. Take off contaminated clothing and shoes immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.

### Inhalation

Avoid breathing dust. Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

### Ingestion

If swallowed, seek medical advice immediately and show this safety data sheet (SDS) or product label.

### Most Important Symptoms/effects, acute and delayed

#### Inhalation

Dust generated from this product may be irritating to the respiratory tract.

#### Ingestion

May result in gastrointestinal distress.

#### Skin or eye contact

Dust generated from this product may cause irritation of the eyes. Repeated or prolonged contact may cause skin irritation with discomfort and dermatitis.

### Notes to physician

No data available on the product. See section 3 and 11 for hazardous ingredients found in the product.

## 5. Firefighting measures

### Suitable extinguishing media

Water spray/Dry chemical

### Extinguishing media which shall not be used for safety reasons

High volume water jet

### Specific hazards

The product is not flammable. Do not allow run-off from fire fighting to enter drains or water courses. Always keep in containers of same material as the original one.

### Special Protective Equipment and Fire Fighting Procedures

Wear as appropriate: Full protective flameproof clothing. Wear self-contained breathing apparatus for firefighting if necessary.

## 6. Accidental release measures

### Personal precautions

Keep away from sources of ignition. Air out the room. Do not breathe dust. Comply with safety directives (see chapters 7 and 8).

### Environmental precautions

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Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems.

#### Methods for cleaning up

Contain and collect spillage with a electrically protected vacuum cleaner or by wet brushing and place in container for disposal according to local regulations. Do not use a dry brush as dust clouds or static can be created! Use a suitable vacuum cleaner.

## 7. Handling and storage

### Handling

It is recommended that advice is taken from a competent occupational health practitioner on the assessment of employees with skin or respiratory complaints before the individual is exposed to the uncured product.

### Safe handling advice

Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits. Preparation may charge electrostatically: always use grounded leads when transferring from one container to another.

Operators should wear antistatic footwear and clothing. Keep away from open flames, hot surfaces and sources of ignition.

Smoking, eating and drinking should be prohibited in the application area.

Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources.

### Storage

#### Suitable storage conditions

Observe label precautions. Refer to Technical Data Sheet (TDS) for further information about storage temperature. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Suitable container and packaging materials for safe storage

Always keep in containers made of the same material as the supply container.

## 8. Exposure controls/personal protection

### National occupational exposure limits

Chemical name		
Aluminum oxide (Al <sub>2</sub> O <sub>3</sub> )	TWA	2 mg/m <sup>3</sup>
Titanium dioxide	TWA	10 mg/m <sup>3</sup>
Tin oxide	TWA	0.1 mg/m <sup>3</sup>
	STEL	0.2 mg/m <sup>3</sup>
Zirconium oxide	TWA	5 mg/m <sup>3</sup>
	STEL	10 mg/m <sup>3</sup>

### Engineering measures

Do not breathe dust. Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If these are not sufficient to maintain exposure to dusts below the OEL, suitable respiratory protection must be worn.

### Glossary

CEIL Ceiling exposure limit

STEL Short term exposure limit

TWA Time weighted average

### Protective equipment

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

### Respiratory protection

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If dust formation exceeds the air concentration limits, then a respiratory protection device approved for this purpose must be worn.

## Eye protection

Eye protection (to EN 166/170) designed to protect against exposure to dusts should be worn when there is a likelihood of exposure.

## Hand protection

The breakthrough time of gloves is unknown for the product itself. The glove material given is recommended on basis of the substances in the preparation.

Chemical name	Glove material	Glove thickness	Break through time
	Nitrile rubber	0.33 mm	> 240 min

The protective glove should be checked in each case for their work specific suitability (e.g. mechanical stability, product compatibility, and anti-static properties). After contamination, the glove has to be changed. Care should be taken when working with sharp edged articles as these can easily damage the gloves and make them ineffective. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Damaged gloves or those showing signs of wear should be replaced immediately. Preventive skin protection such as skin protective cream is recommended. Work tasks should be arranged in such a way that gloves do not have to be worn continuously.

## Skin and body protection

Wear suitable protective clothing. Care should be taken in the selection of protective clothing. Avoid contact with the powder on throat and wrists due to possible inflammation and irritation of the skin.

## Hygiene measures

Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use organic solvents!

## 9. Physical and chemical properties

### Appearance

**Form** : solid      **Colour**: red      **Odor Threshold** : No data available

pH	Not applicable	
Freezing point	Not applicable.	
Boiling point	Not applicable.	
Flash point	Not applicable.	
Evaporation rate	Not applicable	
Flammability		
Upper explosion limit	70 g/m <sup>3</sup>	
Lower explosion limit	20 g/m <sup>3</sup>	
Vapour pressure	Not applicable.	
Solubility(ies)	nil	
Vapour density	No data available	
Density	3.8 g/cm <sup>3</sup>	DIN 53217/ISO 2811
Partition coefficient: n-octanol/water	No data available	
Ignition temperature	Not applicable.	DIN 51794
Decomposition temperature		
Viscosity (23 °C)	Not applicable.	ISO 2431-1993

Does not sustain combustion.

## 10. Stability and reactivity

### Stability

Stable

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## Hazardous polymerisation

Will not occur.

## Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

## Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

## Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

# 11. Toxicological information

## Information on likely routes of exposure

### Inhalation

Dust generated from this product may be irritating to the respiratory tract.

### Ingestion

May result in gastrointestinal distress.

### Skin or eye contact

Dust generated from this product may cause irritation of the eyes. Repeated or prolonged contact may cause skin irritation with discomfort and dermatitis.

## Delayed and immediate effects and also chronic effects from short and long term exposure:

### Acute oral toxicity

not hazardous

### Acute dermal toxicity

not hazardous

### Acute inhalation toxicity

not hazardous

% of unknown composition: 0 %

### Skin corrosion/irritation

not hazardous

### Serious eye damage/eye irritation

not hazardous

### Respiratory sensitisation

Not classified according to GHS criteria

### Skin sensitisation

Not classified according to GHS criteria

### Germ cell mutagenicity

Not classified according to GHS criteria

### Carcinogenicity

Not classified according to GHS criteria

### Toxicity for reproduction

Not classified according to GHS criteria

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## Target Organ Systemic Toxicant - Single exposure

Not classified according to GHS criteria

## Target Organ Systemic Toxicant - Repeated exposure

Not classified according to GHS criteria

## Aspiration toxicity

Not classified according to GHS criteria

## Numerical measures of toxicity (acute toxicity estimation (ATE),etc. )

No information available.

## Symptoms related to the physical, chemical and toxicological characteristics

No information available.

## 12. Ecological information

Product does not contain any environmentally hazardous substances and product is not classified per GHS

### Ecotoxicity effects

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses.

### Chronic aquatic toxicity

% of unknown composition 0%

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

### Mobility in soil

No information available.

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste disposal methods

Dispose of in accordance with local regulations.

### Disposal considerations

A disposal process that converts the waste into energy is recommended. Can be landfilled or incinerated, when in compliance with local regulations.

## 14. Transport information

Not classified as dangerous in the meaning of transport regulations.

### Matters needing attention for transportation

Confirm that there is no breakage, corrosion, or leakage from the container before shipping. Be sure to prevent damage to cargo by loading so as to avoid falling, dropping, or collapse. Ship in appropriate containers with denotation of the content in accordance with the relevant statutes and rules.

## 15. Regulatory information

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## National regulatory information

HSNO Approval Code Exempt

HSNO Classification

## 16. Other information

Revision Note

Version	Changes
4.4	8

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B12820980

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End of Safety Data Sheet