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

Product name	1015S Blue Green Pearl
Product code	1015S

Intended use of the substance/preparation
Coating 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	2015-01-29

2. Hazards identification

Not classified as a Dangerous Good under NZS 5433
Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001

HSNO Classification

Skin corrosion/irritation	Category 6.3A
Serious eye damage/eye irritation	Category 6.4A

Endpoints which are “”not classified“”, “”cannot classified“” and “”not applicable“” are not shown

GHS-Labelling

Hazard symbols	
Signal word	Warning
Hazard statements	Causes skin irritation. Causes serious eye irritation.
Precautionary statements	Wear protective gloves/protective clothing/eye protection/face protection. If eye irritation persists: Get medical advice/ attention.

Other hazards which do not result in classification
None known.

3. Composition/information on ingredients

Pure substance/mixture
Mixture

CAS-No.	Chemical Name	Concentration	GHS Hazardous
12001-26-2	Mica	30 - 40%	
13463-67-7	Titanium dioxide	30 - 40%	
111-76-2	2-butoxyethanol	5 - 10%	√
No information available.	Tetrachloro-μ-hydroxy(μ-methacrylato-O:O')dichromium	1 - 3%	√

Non-regulated ingredients 5 - 10%

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 all contaminated clothing 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 container or label.

Most Important Symptoms/effects, acute and delayed

Inhalation
May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. 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 sprayDry 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. Never use pressure to empty container: container is not a pressure vessel. 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 fire fighting 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
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. Store between 5 and 25 °C 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
Workplace Exposure Standards (WESs) 2002

Chemical Name		
Mica	TWA	3 mg/m3
Titanium dioxide	TWA	10 mg/m3
2-butoxyethanol	TWA	25 ppm
	TWA	121 mg/m3

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.

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

Respiratory protection
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
2-butoxyethanol	Viton (R) ®	0.7 mm	480 min
	Nitrile rubber	0.33 mm	480 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). When the intended use is for spray application a nitrile glove of the chemical resistance group 3 (e.g. Dermatril® glove) is to be used. After contamination, the glove has to be changed. If immersing the hands into the product is not avoidable (e.g. maintenance work) a butyl or fluorocarbon rubber glove should be used. When skin exposure may occur to materials specified in section 3 of this SDS, advice should be sought from the glove supplier as to appropriate type to use with this product and the permeation breakthrough times. 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.

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: green Odour: Characteristic Paint Odor Odor Threshold : no data available

pH	not applicable	
Freezing point	Not applicable.	
Boiling point	Not applicable.	
Flash point	Not applicable.	
Evapouration rate	not applicable	
Flammability		
Upper explosion limit	Not applicable.	
Lower explosion limit	Not applicable.	
Vapour pressure	0.1 hPa	
Solubility(ies)	immiscible	
Vapour density	no data available	
Density	2.79 g/cm^3	DIN 53217/ISO 2811
Partition coefficient: n-octanol/water	no data available	
Ignition temperature	224 $^\circ$C	DIN 51794

Decomposition temperature		
Viscosity (23 °C)	Not applicable.	ISO 2431-1993

10. Stability and reactivity

Stability
Stable

Hazardous polymerisation
Will not occur.

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

Materials to avoid
Keep away from oxidising 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
May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. 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

2-butoxyethanol	Category 2
Tetrachloro-μ-hydroxy(μ-methacrylato-O:O')dichromium	Category 2

Serious eye damage/eye irritation

2-butoxyethanol	Category 2A
Tetrachloro-μ-hydroxy(μ-methacrylato-O:O')dichromium	Category 1

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

Target Organ Systemic Toxicant - Single exposure
Not classified according to GHS criteria

Target Organ Systemic Toxicant - Repeated exposure
not hazardous

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 contains 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.

Acute aquatic toxicity

Titanium dioxide	Category 3

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

National regulatory information

HSNO Approval Code	HSR002670
HSNO Classification	
Skin corrosion/irritation	Category 6.3A
Serious eye damage/eye irritation	Category 6.4A

16. Other information

Revision Note

Version	Changes
1.0	
Revision Date:	2014-12-05
B10364491	

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.

End of Safety Data Sheet