

SAFETY DATA SHEET

Pellermax Clearcoat Resin Catalyst (Cc).

ISSUE DATE: October 2017.

VERSION: 2.0

1. Identification of the Substance/Mixture and Supplier.	
Product name:	Clearcoat Resin Catalyst
Application:	Marine Coating
Company:	Oceanz88 Ltd P O Box 98 Auckland 0661 New Zealand
Emergency telephone:	Chemwatch (24hrs 7 days) +800 24362255 (Europe & New Zealand) Alternative number +61 2 9186 1132 (Australia)
2. Hazards Identification.	
Hazardous Status (HSNO):	3.1C,6.3A,6.9,8.3A
Hazardous Status:	Classified as hazardous according to HSNO New Zealand 2008 criteria.
Signal Word:	Danger
HAZARD STATEMENTS	
H226 – Flammable liquid and vapour	
H315 – Causes skin irritation	
H318 – Causes serious eye damage	
H335 – May cause respiratory irritation	
H336 – May cause drowsiness or dizziness	
PREVENTION AND RESPONSE STATEMENTS	
P210 - Keep away from heat/sparks/open flames/hot surfaces	
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	
P261 – Avoid breathing dust/fume/gas/mist/vapours/spray	
P264 – Wash hands, arms thoroughly after handling.	
P271 – Use only outdoors or in a well-ventilated area	
P280 – Wear protective gloves /eye protection/face protection	
P303+361+353 – IF ON SKIN (OR HAIR): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower	
P304+340 – IF INHALED, remove to fresh air and keep at rest in a position comfortable for breathing.	
P305+351+338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.	
P312 – Call a poison centre or doctor if you feel unwell	
P321 – Specific treatment (see section 4 – first aid measure in this SDS)	

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P332+313– If skin irritation appears, get medical advice/ attention
 P362 – Take off contaminated clothing and wash before re-use
 P370+378 – In case of fire: use foam, alcohol-resistant foam, fire-extinguishing powder, alcohol resistant foam, carbon dioxide or sand for extinction.
 P403+233+235 – Store in well ventilated place and keep container tightly closed. Keep cool
 P501 – Store locked up

DISPOSAL STATEMENTS

P501 – Dispose of contents/containers in accordance with local regulation

DANGEROUS GOODS CLASSIFICATION

Classified as a dangerous good for transport according to NZS 5433:2012

UN NUMBER:	1993
Proper Shipping Name:	Flammable Liquids, N.O.S.
Class:	3
Packing Group:	111
Hazchem Code:	3Y

GHS DIAMONDS



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3. Composition/Information on Ingredients.

Component	Cas #	Content
Bis (ethylacetoacetato – OI, O3) bis (2-methylpropan – 1 – olato) titanium	83877 – 91 – 2	5 – 20%
Propylene Glycol Methyl ether acetate	108-65-6	≤ 70%
Non-hazardous ingredients	To balance	

4. First Aid Measures.

Swallowed	If swallowed wash mouth out with water. Do not induce vomiting unless directed to by a medical person
Inhaled	Move person to fresh air and consult a physician
Eye Contact	Immediately flush eyes with plenty of water lifting the upper and lower eyelids. Rinse eye for several minutes under running water.
Skin Contact	Immediately rinse with water. If skin irritation continues consult a physician
Further Information	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.
Most important Symptoms and effects	May cause drowsiness or dizziness, nausea or vomiting, headache, drowsiness/fatigue May cause serious eye irritation. May cause skin irritation, redness, blistering may occur. May be irritating to the respiratory system.

5. Fire-Fighting Measures.

Suitable extinguishing Agent:	Foam, Fire-extinguishing powder, Alcohol resistant foam, Carbon dioxide, Sand FOR SAFETY REASONS UNSUITABLE EXTINGUISHING AGENTS: Water with full jet, water spray
Special hazards arising from substance	Flammable liquid and vapour. If heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. In case of fire, the following can be released: Carbon monoxide (CO) Carbon dioxide Metal oxides
Advise for firefighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

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6. Accidental Release Measures.

Personal	Wear protective clothing. Keep away from ignition sources. Ensure adequate ventilation. Wear protective equipment.
Environmental	Do not allow product to reach sewage system or any water courses. Absorb with liquid-binding materials (sand, sawdust, universal binders)

7. Handling and Storage.

Handling	Avoid inhalation and contact with skin, eyes and clothing. Keep away from source of ignition – NO SMOKING. Protect against electrostatic charges.
Storage	Store in a cool and ventilated place. Store away from foodstuffs. Store away from oxidizing agents. Moisture sensitive.

8. Exposure Control/Personal Protection

Personal Protection	Protective work clothing. Wash hands prior to eating, drinking, smoking or using the toilet.
Respiratory	Ensure you have adequate ventilation
Eyes	Safety eyewear complying with an approved standard should be used
Skin	Wear protective gloves and clothing

9. Physical and Chemical Properties

PROPERTY	SPECIFICATION	REFERENCE
Physical state	Liquid	
Colour	Yellow	
Odour	Aromatic	
pH	No data available	
Boiling Pt	No data available	
Flash Pt	42 – 48 °C	
Explosive properties	Non explosive	
Vapour pressure	No data available	
Density	No data available	
Solubility in water	No data available	
Auto Ignition temperature	No data available	

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10. Stability and Reactivity

Stability	Stable under store at normal ambient temperature
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions are not known
Conditions to Avoid	Avoid all possible sources of ignition
Materials to Avoid	Oxidizing material, Acids
Hazardous decomposition products	Hydrolyzes in water to form 2-methylpropanol, ethyl acetoacetate and insoluble hydrated titanium oxides

11. Toxicological Information

Health Effects	
Ingestion	May be harmful if swallowed.
Inhaled	No sensitizing effects known
Skin	Irritant to skin and mucous membranes
Eyes	Strong eye irritant with the danger of severe eye injury

12. Ecological Information

Toxicity:
Substance is not classified as dangerous to aquatic organisms.

Persistence & degradability:
Readily degradable

Bioaccumulative potential :
No potential for bioaccumulation

Mobility in Soil:
90% of product is not miscible with water and 10% is soluble in water

PBT and vPvB assessment:
This substance is not a PBT or vPvB

Other Adverse Effects:
No reason for any hazard classification

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13. Disposal Considerations.

Methods of disposal	Dispose of the product and container in accordance with local regulations.
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14. Transportation Information.

ADR/RID

UN-Number: 1993

Class: 3 (F1) Flammable liquids

Packaging group: 111

Proper shipping name: Flammable liquid N.O.S. bis(ethyl acetoacetate-o1".03) bis (2-methylporpan-1 olato titanium) special provision 640E

IMDG

UN-Number: 1993

Class: 3

Packaging group: 111

Ems-No: F-E, S-E

Proper shipping name: Flammable liquid N.O.S.

Marine pollutant: No

IATA

UN-Number: 1993

Class: 3

Packaging group: 111

Proper shipping name: Flammable liquid N.O.S.

15. Regulatory Information.

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV – list of substances subject to authorization substance of very high concern: None of the components are listed

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable

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Disclaimer:

The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. The information supplied should be used to make an independent determination of the methods to keep workers and the environment safe.