

Printing date 10/04/2023

Reviewed on 10/04/2023

**1 Identification**

- **Product identifier**
- **Trade name:** Platinum New UltraClear, UltraClear PRO, Marine 2:1, Low Bubble, RiverTable 3:1 Part B
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Hardener for coating and civil engineering.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Platinum Epoxies ( AACI - Australian Distributor)  
Unit 4, 23 Londor Close.  
Hemmant, Queensland 4174  
Australia
- **Information department:**  
Web: aaci.au
  
- **Emergency telephone number:**  
During normal opening times: +61444568646  
After hours technical: +61418991337

**2 Hazard(s) identification**

- **Classification of the substance or mixture**



GHS05 Corrosion

Skin Corr. 1B      H314 Causes severe skin burns and eye damage.  
Eye Dam. 1      H318 Causes serious eye damage.



GHS07

Acute Tox. 4      H302 Harmful if swallowed.  
Acute Tox. 4      H312 Harmful in contact with skin.  
Skin Sens. 1      H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS05 GHS07

- **Signal word** Danger

- **Hazard statements**

Harmful if swallowed or in contact with skin.  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.  
Harmful to aquatic life with long lasting effects.

- **Precautionary statements**

Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Do not breathe dusts or mists.

(Contd. on page 2)

US

**Safety Data Sheet**  
acc. to OSHA HCS

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(Contd. of page 1)

Wear protective gloves / protective clothing.  
Wear eye protection / face protection.  
Avoid release to the environment.  
Do not eat, drink or smoke when using this product.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a poison center/doctor.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
If swallowed: Call a poison center/doctor if you feel unwell.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Wash contaminated clothing before reuse.  
If swallowed: Rinse mouth. Do NOT induce vomiting.  
Take off contaminated clothing and wash it before reuse.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Classification system:**

• **NFPA ratings (scale 0 - 4)**



Health = 3  
Fire = 1  
Reactivity = 0

• **HMIS-ratings (scale 0 - 4)**



HEALTH 3 Health = 3  
FIRE 1 Fire = 1  
REACTIVITY 0 Reactivity = 0

• **Other hazards**

• **Results of PBT and vPvB assessment** Not applicable.

**3 Composition/information on ingredients**

• **Chemical characterization: Mixtures**

• **Description:** Mixture: consisting of the following components.

• **Components:**

2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohexylamine ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	< 50%
100-51-6	Benzyl alcohol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	< 50%
68609-08-5	Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer ⚠ Skin Sens. 1, H317	> 20%

**4 First-aid measures**

• **Description of first aid measures**

• **General information:**

Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

• **After inhalation:**

Supply fresh air and to be sure call for a doctor.

(Contd. on page 3)

**Safety Data Sheet**  
acc. to OSHA HCS

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**Trade name: Platinum New UltraClear, UltraClear PRO, Marine 2:1, Low Bubble, RiverTable 3:1 Part B**

(Contd. of page 2)

- In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
  - **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
  - **After swallowing:** Drink copious amounts of water and provide fresh air. Immediately call a doctor.
  - **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
  - **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**5 Fire-fighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO2, extinguishing powder or water spray. Fight larger fires with water spray.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Prevent seepage into sewage system, workpits and cellars.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the collected material according to regulations.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**7 Handling and storage**

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  
Protect against electrostatic charges.  
Protect from heat.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Provide ventilation for receptacles.
- **Information about storage in one common storage facility:** Not required.

(Contd. on page 4)

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Trade name: Platinum New UltraClear, UltraClear PRO, Marine 2:1, Low Bubble, RiverTable 3:1 Part B

(Contd. of page 3)

- **Further information about storage conditions:**  
Protect from heat and direct sunlight.  
Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.

• **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

**100-51-6 Benzyl alcohol**

WEEL | 10 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

• **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

• **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**

Safety glasses



Tightly sealed goggles

• **Body protection:**

Protective work clothing  
Boots

**9 Physical and chemical properties**

• **Information on basic physical and chemical properties**

• **General Information**

• **Appearance:**

**Form:** Liquid  
**Color:** Light yellow  
**Odor:** Ammonia-like

• **pH-value:** 9.0

• **Change in condition**

**Melting point/Melting range:** Undetermined.

(Contd. on page 5)

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**Trade name: Platinum New UltraClear, UltraClear PRO, Marine 2:1, Low Bubble, RiverTable 3:1 Part B**

(Contd. of page 4)

<b>Boiling point/Boiling range:</b>	> 200 °C (> 392 °F)
· <b>Flash point:</b>	101 °C (214 °F)
· <b>Ignition temperature:</b>	435 °C (815 °F)
· <b>Danger of explosion:</b>	Not applicable.
· <b>Explosion limits:</b>	
Lower:	1.3 Vol %
Upper:	13.0 Vol %
· <b>Vapor pressure at 20 °C (68 °F):</b>	< 13.33 hPa (< 10 mm Hg)
· <b>Density at 25 °C (77 °F):</b>	1.06 g/cm <sup>3</sup> (8.846 lbs/gal)
· <b>Solubility in / Miscibility with</b>	
Water:	Insoluble.
· <b>Other information</b>	No further relevant information available.

**10 Stability and reactivity**

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** Reacts with strong acids and oxidizing agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**

<b>LD/LC50 values that are relevant for classification:</b>		
<b>100-51-6 Benzyl alcohol</b>		
Oral	LD50	1230 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** Caustic effect on skin and mucous membranes.
- **on the eye:** Strong caustic effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**

· **Carcinogenic categories**

· <b>IARC (International Agency for Research on Cancer)</b>
None of the ingredients is listed.

· <b>NTP (National Toxicology Program)</b>
None of the ingredients is listed.

· <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
Not applicable

## Safety Data Sheet acc. to OSHA HCS

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Trade name: Platinum New UltraClear, UltraClear PRO, Marine 2:1, Low Bubble, RiverTable 3:1 Part B

(Contd. of page 5)

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** Not easily biodegradable
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

<ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>	<p>UN2735 2735</p>
<ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>ADR</b></li> <li>· <b>IMDG, IATA</b></li> </ul>	<p>2735 AMINES, LIQUID, CORROSIVE, N.O.S., mixture AMINES, LIQUID, CORROSIVE, N.O.S., mixture</p>
<ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p>8 Corrosive substances 8</p>
<ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> </ul>	<p>III</p>
<ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> </ul>	<p>No</p>
<ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> <li>· <b>Danger code (Kemler):</b></li> <li>· <b>EMS Number:</b></li> </ul>	<p>Warning: Corrosive substances 80 F-A,S-B</p>
<ul style="list-style-type: none"> <li>· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></li> </ul>	<p>Not applicable.</p>

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 313 (Specific toxic chemical listings):**  
None of the ingredients is listed.

(Contd. on page 7)

**Safety Data Sheet**  
acc. to OSHA HCS

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Reviewed on 10/04/2023

**Trade name: Platinum New UltraClear, UltraClear PRO, Marine 2:1, Low Bubble, RiverTable 3:1 Part B**

(Contd. of page 6)

**· TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**· GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**· Hazard pictograms**

GHS05 GHS07

**· Signal word** Danger**· Hazard statements**

Harmful if swallowed or in contact with skin.  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.  
Harmful to aquatic life with long lasting effects.

**· Precautionary statements**

Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Do not breathe dusts or mists.  
Wear protective gloves / protective clothing.  
Wear eye protection / face protection.  
Avoid release to the environment.  
Do not eat, drink or smoke when using this product.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a poison center/doctor.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
If swallowed: Call a poison center/doctor if you feel unwell.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Wash contaminated clothing before reuse.  
If swallowed: Rinse mouth. Do NOT induce vomiting.  
Take off contaminated clothing and wash it before reuse.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Date of preparation / last revision 10/04/2021 / -****· Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organisation  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
Acute Tox. 4: Acute toxicity, Hazard Category 4

(Contd. on page 8)



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Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B  
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

(Contd. of page 7)

US