

**RB10 (Pty) Ltd.**

Reg No: 2000/026042/07 VAT Nr: 4410219325

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[www.RB10.co.za](http://www.RB10.co.za)**SAFETY DATA SHEET**

Date issued 02/21/2022

**PB SERIES: RB10: METAL PRIMER****SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	PB SERIES	<b>Product Name</b>	RB10: METAL PRIMER
<b>Recommended use</b>	A paint or paint constituent product		
<b>Company Name</b>	Promac Paints (Pty) Ltd		
<b>Address</b>	PO Box 75351 Lynnwood Ridge 0040		
<b>Telephone</b>	012 804 7305		
<b>Facsimile</b>	012 804 2040		
<b>Emergency Contact</b>	- 012 804 7305		
<b>Contact</b>	- T. Patel		

**SECTION 2. HAZARDS IDENTIFICATION****Overall Nature** Hazardous goods (Environmentally hazardous substance; miscellaneous dangerous substances)**Classification reference SANS10234 (1272/2008/EC) :****Classification of the substance or mixture**

- (H316) Skin corrosion/irritation, Hazard Category 3  
 (H401) Hazardous to the aquatic environment ^ AcuteHazard, Category 2  
 (H411) Hazardous to the aquatic environment - Chronic Hazard, Category 2

**GHS label elements, including precautionary statements**

**Signal word** Warning  
**Pictograms**

**Hazard and Precautionary Statements**

	<b>Hazard Statements</b>
(H316)	Causes mild skin irritation
(H401)	Toxic to aquatic life
(H411)	Toxic to aquatic life with long lasting effects.
	<b>Precautionary Statements</b>
	<b>Prevention Statements</b>
(P273)	Avoid release to the environment. – if this is not the intended use.
	<b>Response Statements</b>
(P332+P313)	If skin irritation occurs: Get medical advice/attention.
(P391)	Collect spillage.
	<b>Disposal Statements</b>
(P501)	Dispose of contents/container to ... in accordance with local/regional/ national/international regulation

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Product type :** Mixture **Generic name :** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.**CAS No. :** Not applicable**EU Index No :** Not applicable**UN No :** 3082**HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS**

Name	% m/m	EC Label	CAS Number	EC Index
1 Trizinc bis(orthophosphate)	6.45	231-944-3	007779-90-0	030-011-00-6
2 Items classified as hazardous but below reporting limit	0.63			
3 Items not classified as hazardous	92.90			

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**Classification reference SANS10234 (1272/2008/EC) of constituents**

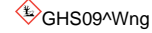
ref above table Hazard Code

1 Above Item 1 H400^H410^

ref above table Classification

1 Above Item 1 Aquatic Acute 1^Aquatic Chronic 1

Pictogram Cutoff



**SECTION 4. FIRST AID MEASURES**

- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.

**SECTION 5. FIRE FIGHTING MEASURES**

**Small Fire**

- Dry chemical, CO2, water spray or regular foam.

**Large Fire**

- Water spray, fog or regular foam.
- Do not scatter spilled material with high-pressure water streams.
- Move containers from fire area if you can do it without risk.
- Dike fire-control water for later disposal.

**Fire involving Tanks**

- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**SPILL OR LEAK**

- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Prevent dust cloud.
- Avoid inhalation of asbestos dust.

**Small Dry Spill**

- With clean shovel, place material into clean, dry container and cover loosely; move containers from spill area.

**Small Spill**

- Pick up with sand or other non-combustible absorbent material and place into containers for later disposal.

**Large Spill**

- Dike far ahead of liquid spill for later disposal.
- Cover powder spill with plastic sheet or tarp to minimize spreading.
- Prevent entry into waterways, sewers, basements or confined areas.

**SECTION 7. HANDLING AND STORAGE**

**Storage**

Store separately from : explosives,  
No open flames. No smoking.

Dispose of contents/container to ... in accordance with local/regional/ national/international regulation

**Handling**

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Ensure good ventilation/exhaustion at the workplace  
 Do not spray on a naked flame or any incandescent material  
 Eating, drinking and smoking in work areas is prohibited  
 Wash hands after use  
 Remove contaminated clothing and protective equipment before entering eating areas

Inhalation	In case of insufficient ventilation, use suitable respiratory protection.
Skin	Use barrier cream and impervious gloves.
Eyes	Avoid contact with dust. Use goggles. Never touch eyes with dirty hands or gloves.
Ingestion	Observe the rules of hygiene. Wash before eating, drinking or smoking.

### SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	CAS Number	TWA OEL	TWA OEL	STOEL	STOEL	OEL	Vap.Press.
RB10:METAL PRIMER	Not applicable						
Components :							
Trizinc bis(orthophosphate)	007779-90-0	10/4				T/R	

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary  
 Appropriate hand protection and protective clothing must always be used  
 Keep away from foodstuffs, beverages and feed  
 Wash hands before breaks and at the end of work

Avoid release to the environment. – if this is not the intended use.

HMIS Rating (USA) 1 - 2 - 0 - I (Health-Flam-Reactivity-PPE)  
 SAPMA Rating 3-H-E PPE : Gloves, Respirator and Eye protection

#### Personal protective equipment :

**Skin PPE :** Overall and impervious gloves (eg nitrile rubber)  
**Respiratory PPE :** Air purifying respirator (eg cartridge type)  
**Eye PPE :** Faceshield or solvent resistant goggles



### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Water based emulsion
Odour	Slight
pH	±9.0
Boiling point	101°C
Melting point	not available
Flash point	>93°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available

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Density	±1.239 Kg/L
Water solubility	miscible
Fat solubility	Oil : insoluble
Partition coefficient	not available
Viscosity	±90 KU
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	not available

**SECTION 10. STABILITY AND REACTIVITY**

Stable under normal conditions  
 No reaction with fire-fighting water  
 Keep away from : explosives,

**POTENTIAL HAZARDS****FIRE OR EXPLOSION**

- Some may burn but none ignite readily.
- Containers may explode when heated.
- Some may be transported hot.
- For UN3508, be aware of possible short circuiting as this product is transported in a charged state.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal(gas)	LC50 Inhal(mist)
RB10:METAL PRIMER	Not applicable	40000 ATEoral	111111 ATEdermal	333333 ATEgas	-
Components :	-----	-----	-----	-----	-----
Trizinc bis(orthophosphate)	007779-90-0				

**Inhalation**

Excessive exposure must be avoided. Treat as nuisance dust.

**Skin**

Excessive contact can be detrimental to health.

**Eyes**

Particulates may scratch eye or cause mechanical irritation.

**Ingestion**

No direct hazard expected but exercise caution.

Causes mild skin irritation

**POTENTIAL HAZARDS****HEALTH**

- Inhalation of material may be harmful.
- Contact may cause burns to skin and eyes.
- Inhalation of Asbestos dust may have a damaging effect on the lungs.
- Fire may produce irritating, corrosive and/or toxic gases.
- Some liquids produce vapors that may cause dizziness or suffocation.
- Runoff from fire control may cause pollution.

**SECTION 12. ECOLOGICAL INFORMATION**

No available ecological data of ingredients :

May have short term environmental effects. Contain, monitor & remove  
 Aquatic toxicity : No further relevant information available  
 Persistence and degradability : No further relevant information available.  
 Bioaccumulative potential : No further relevant information available.  
 Mobility in soil : No further relevant information available.  
 Toxic to aquatic life with long lasting effects.

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**CLEANERS • PRIMERS • SEALANTS**

Toxic to aquatic life

**SECTION 13. DISPOSAL INFORMATION**

Minimal hazard. No problems contemplated in disposal. Exercise caution when disposing of used containers. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**SECTION 14. TRANSPORT INFORMATION**

<b>UN Number</b>	3082		
<b>Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.		
<b>IMO Class</b>	9	<b>Packing Group</b>	III
<b>Action Code</b>	171		
<b>HazChem</b>	+3Z		
<b>Kemler/ HIN Code</b>	90		

**SECTION 15. REGULATORY INFORMATION****Classification reference SANS10234 (1272/2008/EC) :****Classification of the substance or mixture**

(H316) Skin corrosion/irritation, Hazard Category 3  
 (H401) Hazardous to the aquatic environment ^ AcuteHazard, Category 2  
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**SECTION 16. OTHER INFORMATION**

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

HMIS Rating (USA) : 1 - 2 - 0 - I (Health-Flam-Reactivity-PPE)

**Abbreviations**

Code : Abbreviation : Meaning  
 C : : corrosive  
 N : : dangerous for the environment  
 T : : toxic  
 ===== : :  
 [ ] : : Associated pictogram code shown in brackets  
 ===== : :  
 GHS01 : : Exploding bomb  
 GHS02 : : Flame  
 GHS03 : : Flame over circle  
 GHS04 : : Gas cylinder  
 GHS05 : : Corrosion  
 GHS06 : : Skull and crossbones  
 GHS07 : : Exclamation mark  
 GHS08 : : Health hazard  
 GHS09 : : Environment  
 : : %m/m : Percent by mass  
 : : ATE : Acute Toxicity Estimate  
 : : CAS : Chemical Abstracts Service  
 : : CHIP : Chemicals (Hazard Information and Packaging for supply)  
 : : CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
 : : CNS : Central Nervous System  
 : : DIN : Standard of the German Institute for Standardisation  
 : : DOT : Department of Transport  
 : : EC : European Community  
 : : EC50 : Effective Concentration (Median) for 50% of the response under test  
 : : ECB : European Chemicals Bureau  
 : : ECHA : European Chemicals Agency, Helsinki ([http://echa.europa.eu/home\\_en.asp](http://echa.europa.eu/home_en.asp))  
 : : EEC : European Economic Community  
 : : EINECS : European Inventory of Existing Chemical Substances  
 : : ELINCS : European List of Notified Chemical Substances  
 : : GHS : Globally Harmonized System of Classification and Labelling of Chemicals  
 : : HMIS : Hazardous Materials Information System (USA only)  
 : : IATA : International Air Transport Association

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: IMDG : International Maritime Dangerous Goods Code  
: IMO : International Maritime Organization  
: INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007  
: ISO : International Standards Organisation  
: L.E.L. : Lower explosive limit  
: LD50/LC50 : Median (50%) lethal dose/concentration  
: mg/m3 : Milligrams per cubic meter  
: MSDS : Material safety data sheet  
: n.a. : Not available  
: NC : No Classification  
: No : Number  
: OEL : Occupational exposure limit  
: OEL-CL : Occupational exposure limit - control limit  
: OEL-RL : Occupational exposure limit - recommended limit  
: OHS Act : Occupational Health and Safety Act  
: P statement : Precautionary statement  
: PPE : Personal protective equipment  
: ppm : Parts per million  
: REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals  
: RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)  
: SABS : South African Bureau of Standards  
: SANS : South African National Standards  
: SAPMA : South African Paint Manufacturers Association  
: SARA 313 : Toxic Release Inventory Reporting SRA Section 3  
: SDS : Safety Data Sheet  
: STOEL : Short-term occupational exposure limit  
: STOT-RE : Specific Target Organ Toxicity - Repeated Exposure  
: STOT-SE : Specific Target Organ Toxicity - Single Exposure  
: TDG : Transport of Dangerous Goods  
: TSCA : Toxic Substance Control Act (USA only)  
: TWA : Time weighted average  
: U.E.L. : Upper explosive limit  
: UN : United Nations  
: WHMIS : Workplace Hazardous Materials Information Systems (Canada only)  
: ===== :

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This SDS conforms with General Administrative Regulations of 6 Sept.1996 (SANS11014:2010/ISO11014:2009)  
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)  
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)  
All information is given in good faith but without guarantee in respect of accuracy.  
No responsibility is accepted for errors or omissions or the consequences thereof.

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