



# Marley Water-Based Zinc Phosphate Primer

SCAN FOR DATASHEET












**WATER-BASED  
Metal Primer**  
ZINK PHOSPHATE

- Excellent Adhesion
- For Steel & Galvanised Surfaces
- Available in Black/ Grey/ Red/ White
- Rust Inhibitor
- Low Odour
- 100% Lead-free
- Available in 5L & 20L



TOUGH & DURABLE FILM = INHIBITS RUST

SPREAD RATE	MIXING	APPLICATION	THINNING	CLEANING	TOUCH DRY	RECOAT	WINTER	WEATHER
 6 - 7 M <sup>2</sup> 1 - 2 COATS	 STIR THOROUGHLY BEFORE USE	 ROLLER / BRUSH / AIRLESS SPRAY	 NOT REQUIRED	 WATER	 1 HOURS	 2 HOURS	 ALLOW LONGER DRYING IF BELOW 23°C	 KEEP AWAY FROM DIRECT SUNLIGHT, HEAT OR SEVERE COLD. KEEP CONTAINER SEALED, AVOID MOISTURE CONTACT

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION

TRADE NAME: Marley Water-Based Zinc Phosphate Metal Primer

CHEMICAL FAMILY: Acrylic Emulsion / Dispersion

DOT CLASSIFICATION: Not Regulated

CAS NUMBER: 3903.9

HAZARD RATING: N/A

SAPMA: 3-H-C

In case of an emergency contact: 076 102 3432

## SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

POSSIBLE TRACES OF RESIDUAL MONOMER

EC CLASSIFICATION: Not classified as hazardous.

INGREDIENT PERCENT CAS NUMBER

Biocide Proprietary 3808.9

This paint mixture contains pigments classed by ACCIH as "nuisance dust". Exposure to spray mist or sanding dust should be controlled to below 10mg/m<sup>3</sup> through usage of NIOSH/MSHA TC23c or equivalent approved dust filter respirators. Follow respirator manufacturer's directions for respirator use.

HMIS RATING: HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0

\*The user should determine appropriate personal protective equipment based on use conditions.

## SECTION 3. HAZARDS IDENTIFICATION

SAPMA HEALTH RATING: 3 - Slight - Irritation or minor reversible injury possible.

INGESTION: Irritating to gastrointestinal tract, abdominal pain, and diarrhoea.

INHALATION: Trace component, residual monomer, and other organics may be irritating to eyes, skin, mucous membranes, respiratory tract and may produce symptoms of headache, nausea in poorly ventilated areas.

SKIN CONTACT: Prolonged contact may cause transient reddening of the skin.

EYE CONTACT: Direct contact may be irritating to eyes.

CHRONIC EFFECTS: No records found.

May have short-term environmental effects. Contain, monitor & remove.

## SECTION 4. FIRST AID MEASURES

INGESTION: Induce vomiting, consult a physician.

INHALATION: Remove to fresh air. If irritation persists, seek medical attention. If victim is not breathing, qualified personnel should administer artificial respiration. **Seek immediate medical attention!**

SKIN CONTACT: Wash affected area thoroughly with mild soap and water. If irritation develops and persists, seek medical attention.

EYE CONTACT: Immediately flush eyes for 15 minutes occasionally lifting eyelids. If victim wears contact lenses, remove lenses and continue rinsing. Obtain medical attention.

## SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: Not determined (aqueous system)

FIRE EXTINGUISHING MEDIA: Non-flammable (aqueous emulsion)  
When water evaporates, remaining material can burn.

LEL: Not determined (aqueous system)

UEL: Not determined (aqueous system)

Use all-purpose foam for large fires, and CO2 or dry chemical media for small fires.

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus when fighting fires in enclosed areas.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Product will not burn but may spatter if temperature exceeds boiling point of water.

Dried solids can burn, giving off oxides and carbon.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

SEE ALSO SECTION 5,8,13

Contain and collect - may make floors slippery. Keep out sewers and drains.

## SECTION 7. HANDLING AND STORAGE

No special requirements for hazard containment, however keep containers cool in order to eliminate risk of explosion, but keep from freezing. **Keep out of reach of children!**

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use appropriate approved respirator in areas with poor ventilation and when exposed to spray mists or sanding dust.

VENTILATION: General room ventilation is expected to be satisfactory. Use local exhaust if needed.

EYE PROTECTION: Safety glasses and available eye bath.

PROTECTIVE GLOVES: Use gloves impervious to water and soap.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Various colours

ODOUR: Characteristics

pH INFORMATION: 7-9 (as supplied)

BOILING POINT: 100 deg.C

FLASH POINT: N/A

EXPLOSIVE PROPERTIES: N/A

VAPOR PRESSURE: As for water

VOLUME SOLIDS: 30-32%

PVC: 35%

VISCOSITY: 100.4 ± 2 Ku - White

SPECIFIC GRAVITY: 1.27 ± 0.01 - White

SOLUBILITY-WATER: Fully miscible

SOLUBILITY-SOLVENTS: Soluble in some alcohols, esters and aromatic solvents

## SECTION 10. STABILITY AND REACTIVITY

This product is stable under normal (ambient) conditions and hazardous polymerization will not occur.

Hazardous decomposition products: Combustion of dried film may produce carbon dioxide and carbon monoxide.

Conditions of materials to avoid: None.

## SECTION 11. TOXICOLOGICAL INFORMATION

NOTE: Formaldehyde may be generated under acid conditions. Maintain adequate ventilation under these conditions to prevent exposure above TWA 0.3 ppm and STEL of 0.6 ppm.

## SECTION 12. ECOLOGICAL INFORMATION

May have short term ecological effects. Contain, monitor and remove.

## SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Used containers to be destroyed.

## SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous to transport.

## SECTION 15. REGULATORY INFORMATION

EC LABEL: Not classified.

EC CLASSIFICATION: Not classified as hazardous.

S28: After contact with skin, wash immediately with plenty of water.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 16. OTHER INFORMATION

If any discomfort occurs - seek medical advice.

The information in this MSDS is given in good faith and is meant to guide the user. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness.

We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage use or disposal of this product.

#### HEALTH AND SAFETY

- Ensure good ventilation during application and drying.
- Avoid contact with skin and eyes.
- Do not smoke, eat or drink while using the product. Wash hands before eating.
- Store in a cool dry place.
- Do not dispose of into natural waterways or drainage system.
- Keep out of reach of children.
- Consult a general practitioner in case of contact with eyes or ingestion.
- Rain may cause paint failure whilst applying.
- Please see Material Safety Data Sheet for more information.

#### ADDITIONAL SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

**EMERGENCY NUMBER: 076 102 3432**

This Product is not flammable.

**Human Health Hazards:** **Keep out of reach of children! If accidentally swallowed seek medical advice immediately!** Ensure application is done in a well-ventilated area to minimize the effects of exposure to vapours, fumes and mists that may cause irritation to eyes and sinuses. To minimize direct contact, it is our recommendation to wear suitable protective clothing, safety eyewear and protective gloves, as well as respiratory protective equipment in enclosed spaces that lack adequate ventilation.

**Environmental Hazards:** Could have undesirable environmental side effects, therefore do not empty into drains and watercourses. Contain and collect spillage with absorbent material. Dispose of according to local regulations.

**Handling:** Keep container tightly closed. Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Always comply with health and safety regulations.

**Storage & Transportation:** Always store and transport in original container, in a secure upright position, in a cool, well-ventilated area away from incompatible materials and ignition sources. Containers which have been opened must be carefully resealed and kept upright to prevent leakage.

**Storage Conditions:** Store under cool dry conditions away from direct sunlight, heat and extreme cold.



## STANDARD DISCLAIMER PERTAINING TO THIS MATERIAL SAFETY DATASHEET (MSDS)

The recommendations contained herein are given in good faith and meant to guide the specifier or user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Marley Roofing's control.

Important Note: Technology may change with time, necessitating changes to this Material Safety Data Sheet (MSDS).

It is the responsibility of the user to ensure that the latest TDS is being used for reference. Marley Roofing Technical Data Sheets are available on our website [www.marleyroofing.co.za](http://www.marleyroofing.co.za) or please contact us at 010 600 0284.

Email [info@marley.co.za](mailto:info@marley.co.za)

Marley SA (Pty) Ltd trading as Marley Roofing, is a member of the Ubora Group, the industrial division of Kutana Group of Companies.

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