



# Marley Solvent-Based Metal-Etch Primer

**SCAN FOR DATASHEET**













## SOLVENT-BASED Metal-Etch Primer

- **Excellent Adhesion**
- **Available in White / Red / Grey / Black**
- **Reduces Under Creep of Rust**
- **For Metal / Aluminium**
- **Fast Drying**
- **Withstand Heat to 220°C**
- **Available in 5L & 20L**




ETCHING = GREATER ADHESION FOR HARDER METALS


SPREAD RATE	MIXING	APPLICATION	THINNING	CLEANING	TOUCH DRY	RECOAT	WINTER	WEATHER
 8 - 10 M <sup>2</sup> 1 - 2 COATS	 STIR THOROUGHLY BEFORE USE	 BRUSH / AIRLESS SPRAY	 ETCH PRIMER THINNERS, IF NECESSARY.	 ETCH PRIMER THINNERS	 1-2 HOURS	 2 DAYS FOR EPoxIES AND URETHANES 2 HOURS, FOR CONVENTIONAL COATINGS	 ALLOW LONGER DRYING IF BELOW 23° C	 KEEP AWAY FROM DIRECT SUNLIGHT, HEAT OR SEVERE COLD



Flamable Liquid



Health Hazard



GHS07 Harmful

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION

TRADE NAME: Marley Solvent-based Metal-Etch Primer

CHEMICAL FAMILY: Polyvinyl Butyral and Phenolic Resin DOT

CLASSIFICATION: Not Regulated

CAS NUMBER: Preparation

HAZARD RATING: FN3

SAPMA: 2-H-E

In case of an emergency contact: 076 102 3432

## SECTION 2. COMPOSITION /

INFORMATION ON INGREDIENTS EC CLASSIFICATION: XI R10,43  
S16,28,33,38

INGREDIENT	PERCENT	CAS NUMBER
TOLUENE	Proprietary	10888-3
BUTANOL	Proprietary	71-36-3

HMIS RATING: Health=1 Flammability=2 Reactivity=0

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

## SECTION 3. HAZARDS IDENTIFICATION

SAPMA HEALTH RATING: 2 - Moderate - temporary or minor injury possible even if treated.

INGESTION: Irritating.

INHALATION: Irritating, narcotic. Can affect CNS (Central Nervous System)

SKIN CONTACT: Irritating, risk of dermatitis. May be absorbed.

EYE CONTACT: Direct contact may be irritating to eyes.

NO OTHER MUTAGENIC OR GENETIC EFFECTS ESTABLISHED.

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

## SECTION 4. FIRST AID MEASURES

INGESTION: Give lost of milk or water, consult a physician. DO NOT INDUCE VOMITING. **Seek medical attention.**

INHALATION: Remove to fresh air. If irritation persists, seek medical attention.

SKIN CONTACT: Wash affected area thoroughly with mild soap and water. Remove contaminated clothing.

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: 12°C Highly flammable with toxic fumes.

FIRE EXTINGUISHING MEDIA: Carbon dioxide, alcohol resisting foam, dry chemical and water fog to cool and control.

SPECIAL FIRE FIGHTING PROCEDURES: Do not use water jets. Keep containers cool to avoid explosion.

SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material is flammable and if exposed to flames can generate toxic fumes and cans can burst. Static discharge hazard!

## SECTION 6. ACCIDENTAL RELEASE MEASURES

SEE ALSO SECTION 5,8,13

Contain and collect - Use an Inert NOT sawdust. Keep out sewers and drains.

## SECTION 7. HANDLING AND STORAGE

STORAGE: Store separately from any reactive substances - oxidisers in particular.

FIRE: No open flames. No smoking.

EXPLOSION: Keep containers cool. Avoid free fall of liquid - use earthing.

## 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 or suitable respiratory protection.

EYE PROTECTION: Safety glasses and face shield or full-face respirator/hood. Avoid direct contact.

PROTECTIVE GLOVES: Use gloves impervious to water and soap, as well as barrier cream.

INGESTION: Wash hands before eating, drinking or smoking.

GENERAL: Appropriate hand protection and protective clothing must be used.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Red Oxide or Black in colour

ODOR: Pungent

pH INFORMATION: N/A

BOILING POINT: Not Determined

FLASH POINT: 12°C

EXPLOSIVE PROPERTIES: Ca 1 /Ca 7 %

VAPOR PRESSURE: Not Determined

VISCOSITY: 61.9 ± 2 Ku

SPECIFIC GRAVITY: 0.95 ± 0.01

SOLUBILITY-WATER: Insoluble

SOLUBILITY-SOLVENTS: Soluble in Organic Solvent

## SECTION 10. STABILITY AND REACTIVITY

This product is stable under normal (ambient) conditions and hazardous polymerization will not occur. Could produce static discharge - use earthing.

Conditions or materials to avoid: Heat, sparks, flame and build-up of static electricity.

## SECTION 11. TOXICOLOGICAL INFORMATION

No serious threats could be deterrent, although long term exposure may cause skin irritation (sensitiser) or dermatitis.

## 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

UN No.: 1263      PACKING GROUP: II      HAZCHEM CODE: 3[Y]  
IMO CLASS: 3.2      MARINE POLLUTANT CLASS: Y

The information in this SDS 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.

## SECTION 15. REGULATORY INFORMATION

EC INDEX No.: EEC LABEL No. (EINECS/ELINCS): XN Harmful

R11: Highly flammable

R20/21/22: Harmful by inhalation, skin contact and if smoking S16:  
Keep away from sources of ignition - No smoking!

S28: After contact with skin, wash immediately with soap and water, or approved hand cleaner.

S33: Take precautionary measures against static discharges.

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

## SECTION 16. OTHER INFORMATION

If any discomfort occurs - seek medical advice. Take precautionary measures against static discharge.

Possibility of accumulative effects.

### 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 water-ways 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 may be flammable, containing toxic substances!**

**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 Technical Data Sheet (TDS).

It is the responsibility of the user to ensure that the latest MSDS 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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