



METAL SEALER

PRODUCT DATA SHEET

Multi-Functional Metal Sealer

Metal Sealer is a rust penetrating, moisture repelling, non-pigmented product, which permeates through rust and adheres to the metal surface. Metal Sealer has been developed to markedly extend paint systems duration on both rusty and non-rusty steel surfaces, thereby greatly reducing labour costs and extending the life of the equipment treated.

Typical Uses

New Metal, Old Rusted Metal, Oilrigs, pipelines, roofs and buildings, aircraft and rolling stock, railway systems, military airframes, ships and boats, sea and rail containers, cars and trailers, off-season storage of agricultural equipment and tools, storage of military equipment and firearms, and fishing equipment.



Physical Properties

Vehicle Type	Medium oil alkyd resin and active oils
Pigmentation	None
Solvent	Aromatic Hydrocarbon
Pot Life	3 years in sealed containers
Finish	Penetrating type
Colour	Natural/Clear
Dry Time	4 hours
Recoat	12 hours
Theoretical Coverage	Dependent on surface
Usual No. Of Coats	1-2
Toxicity	Product has no known toxic
Thinning & Clean Up	Do not thin. Clean up with mineral turpentine
Can Size	500mL, 1L 4L and 20L
V.O.C.	70.1grams per litre

Performance

- Multi-functionality – a penetrant, a sealer, and a topcoat in one.
- Moisture repellent properties.
- Strong adhesion qualities, resulting from a process of polar bonding with the metal surface enabling RUSTMASTERS® to cling like a magnet and resist being washed or worn away.
- Unexcelled penetrating qualities for breaking loose rusted/corroded components.
- At least doubling the length of time between paint jobs, greatly reducing labour costs and extending the life of the equipment treated.

Limitations

Do not thin. Use straight from container.

Do not add to vinyl, two-pack epoxy, polyurethane, or cellulose paints.

Do not apply over loose flaking rust or mill scale.

Do not over coat with Epoxies and Urethanes, use intermediate coat (oil-based primer).

Surface Preparation

Generally, the surface should be dry, free from grease and as free as possible from loose rust and paint, mill scale must be removed. Degrease according to SSPC SP1 biodegradable cleaning.

Whilst blast cleaning must always remain the preferred method of surface preparation, Rustmasters® will tolerate good hand or mechanical tool cleaning to SSPC SP2 or SSPC SP3 or high-pressure waterblast.

Under severe conditions, the steel should be blast cleaned to SSPC SP10 (Sa 2.5) to ensure adequate results.

Residues and dust from old lead or chromate containing paint systems can be dangerous to the health of the operator and the environment. Ensure approved procedures are put in place to safeguard against this.

Application

Apply by brush, roller, or spray.

Slight Rust: Apply Metal Sealer in sufficient quantity to completely encapsulate the rust particles. Coverage is approximately 20-25 m²/litre, 4 hours drying under normal conditions.

Heavy Rust: Apply a rich coat of RUSTMASTERS® approximately 12-20 m²/litre. As RUSTMASTERS® penetrates, watch for flat matt spots and re-coat these areas as required until a semi-gloss coating is achieved. On heavy rusted surfaces overnight drying is achieved under normal conditions.

Top Coating: One coat of RUSTMASTERS® METALMASTER.

Safety Precautions

Consult Material Safety Data Sheet for this product prior to use. Users should ensure that they are familiar with all aspects concerning safe application of this product. Maintain adequate ventilation.

Observe normal precautions such as gloves, mask and non-greasy barrier cream when spraying.

If eyes become contaminated flush with dilute boric acid water solution and SEEK MEDICAL AID. For skin contact, wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.

FLAMMABLE Keep away from sparks and flames. No smoking should be permitted in working areas.

For Technical Assistance

Import Distribution t/a Formula

23 Ross Reid Place, East Tamaki, Auckland 2013, New Zealand

Phone: 09 273 3600

Email: sales@formula.co.nz

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