

RUST CONVERTER

DESCRIPTION

A-1000 RUST CONVERTER is a specially formulated tannin based converter. It is designed for use in industries such as ship building, mining, aviation and others where metal corrosion and rusts are a major problems.

How **A-1000** works ?

A-1000 converts rust to a stable black surface of iron, tonnate/hematite and magnetite adhering to the parent metal.

DIRECTION FOR USE

1. Remove loose or flaky rust and all chemicals, old paint, oils or salt contaminates either by wire brushing or high pressure water treatment.
2. For light rust, apply undiluted **A-1000** to the prepared surface. Wet the treated surface, if possible with water after one hour of treatment. This assists **A-1000** in the penetration and rust conversion.
3. For heavy rust, apply diluted **A-1000** (30 - 40%) to the prepared surface and leave for 3 - 4 hours before applying undiluted **A-1000**. Wet the treated surface, if possible with water after one hour of treatment. This assists **A-1000** in the penetration and rust conversion.

In both cases, leave the treated surface for 24 to 48 hours for the conversion reaction to be completed. The treated surface can either be left as it is for several weeks, or over-coated with paint immediately, after the black residual dust is washed off and the surface is dry.

Coverage : Approximately 8 - 10m sq. per litre depending on application.

Safety : Non toxic, non inflammable and non hazardous to the environment. In case of skin contact, **A-1000** can be washed off with running water.



PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Brown
pH	: Slight Acidic
Reaction	: 24 - 48 hours
Dilution & cleaning	: Fresh water
Shelf life	: Indefinite

SAFETY AND HANDLING INFORMATION

Protective Measures	Wear chemical resistant gloves, safety goggles and footwear. Use in adequately ventilated areas. Wash hands with water after use. Avoid breathing in vapour.
Spillage & Disposal	Spillage is slippery. Wear gloves, confine spill and stop leak at source if possible. Pump liquid back into original container. Absorb remaining liquid with inert material such as dry sand or sawdust. Neutralize if necessary with vinegar or other diluted acid solution.
<u>FIRST AID</u>	
Eyes	Rinse eyes with copious amount of water for at least 15 minutes. If irritation persists, seek medical advice.
Skin	Flush with large amounts of water, use soap if available. Remove grossly contaminated clothing, including shoes and launder before reuse. Seek medical attention if necessary.
If Inhaled	If overcome or affected, immediately evacuate victim from exposure area, using proper respiratory protection. Administer artificial respiration if breathing has stopped. Keep at rest. Seek prompt medical attention.
If swallowed	Rinse mouth; then drink 1 or 2 large glasses of water. Do not induce vomiting. Seek prompt medical attention. Never give anything via mouth to an unconscious person.
<u>HANDLING</u>	
Storage & Transportation	Product should be stored and transported in original containers. Do not store near heat, sparks, flame or strong oxidizers. Store away from strong acids or foodstuff. Keep container lid tightly closed. Store in a cool and dry area, away from direct sunlight. Open container slowly to control possible pressure release.
Packaging	Supplied in 25 and 200 litres non-returnable containers.

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