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Technical Data Sheet

Permatex® Rust Treatment

INDUSTRIAL

PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® Rust Treatment is a fast drying milky white latex coating that is applied to rusted metal to stop rust, protect the surface and act as a primer for the finish coat.

PRODUCT BENEFITS

- Kills old rust – prevents new rust
- No sandblasting – simply wire brush to remove loose rust, clean off any oil, dirt or grease and brush on Permatex® Rust Treatment.
- Works on damp rusty metal
- Converts and primes in one operation
- Changes from a white liquid to a tough, black coating in the presence of iron oxides
- Safe, non-flammable, low toxicity

TYPICAL APPLICATIONS

- Destroys rust on all automotive applications
- Trucks, trailers, storage tanks
- Pipes, valves, fittings in refineries, tankers, power plants, domestic and commercial heating/cooling plants
- Fences, guard rails, conveyors, supports
- Overhead cranes, booms, floor grating, duct work
- Outdoor advertising sign supports/frames, municipal and highway sign posts and frames
- Bulkheads, overhangs, decks, hatch covers, stacks on ships (topcoat with appropriate marine paint)
- Agricultural equipment, harvesters, plows, discs, tractors, corn pickers, etc.
- Snow removal equipment in highway department maintenance yards

DIRECTIONS FOR USE

1. Remove oil grease and dirt.
2. Wire brush surface to remove loose rust, mill scale and paint.
3. Rinse with water to remove powder and solubles.
NOTE: Light rust should be firmly bonded to the surface of the metal and not easily removed by wiping.
Rust Treatment will easily convert properly prepared bare metal surfaces.
5. Mix thoroughly before using.
6. Pour into a clean container for easy application by brushing or apply directly to surface and brush out.
7. Brush, roll or sponge on liberally. Spray application is recommended for large areas. Airless spray equipment is faster and provides more effective conversion due to improved surface penetration. Conventional air-spray equipment may be used, but Rust Treatment may require thinning up to 10% with water for proper spraying.
8. A purple to black coating will begin to appear within 20

minutes depending on temperature and humidity conditions. Uneven color indicates the need for additional coats. For maximum protection, application of 2 coats for 4 mils dry film thickness is recommended. Apply a second coat within 15 – 30 minutes of the first coat. Allow a minimum of 24 hours drying time before priming again or applying a finish coat.

9. Most finish paints will not require any additional primer. However, water based paints and metal filled paints will require a solvent based primer on top of the Rust Treatment coating, prior to applying the finish coat.

For Cleanup

1. When Rust Treatment dries, it is extremely difficult to remove; therefore spatters should be cleaned up as they occur.
2. Brushes, rollers and other tools and spatters should be cleaned immediately with water and detergent. Rust Treatment is difficult to remove when dry.
3. Spray equipment must be flushed immediately with mild detergent and water then rinsed with fresh water.
4. If Rust Treatment is spilled on clothes, the garment should be soaked with cold tap water as soon as possible and Rust Treatment washed out before it dries. **Do not use ammonia, strong alkali detergents or hot water to clean up.**
5. Hands and nails should be cleaned with soap and water using a nailbrush. Black stains from iron-contaminated Rust Treatment can be removed from the hands with a mixture of 1 part liquid household bleach and 4 parts of tap water, followed by washing with soap and water. Spills of Rust Treatment should be flushed with large amounts of cold tap water.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Synthetic latex resin
Appearance	Milky off-white liquid
Odor	Mild odor
Specific Gravity	1.20
Viscosity	Flow similar to SAE 60 Motor Oil
Flash Point, TCC	None

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

ORDERING INFORMATION

Part Number	Container Size
81775 (RT-8A)	8 fl. oz. bottle
81773 (RT-16A)	16 fl. oz. bottle
81387	1 quart Bottle
75448	1 gallon bottle

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

NOTE

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