

SPC-F2 is a rust remover that provides a cost effective and environmentally advantaged means for the removal of rust from various substrates. It is an effective alternative to sand and media blasting. SPC-F2 is available in gel form and can be applied by spray or brush. It is blue in color to assist with coverage during application.

Advantages

- Water-based
- No odor, low volatile organic compounds (VOCs)
- Non-flammable, non-carcinogenic, biodegradable
- Clings to vertical and inverted surfaces
- Contains no mineral acids, bases or hazardous solvents
- Will not damage plastics, rubbers, vinyl, copper or brass surfaces

USES

- Extremely effective in the removal of rust from iron and steel surfaces
- Can be used on aluminum and its alloys, brick, concrete, masonry, steel and other metal substrates, stone and wood

Typical areas of use

Architectural Framework	Industrial	Household	Transportation
Building facades	Storage tanks	Lawn furniture	Boats
Rust stained concrete	Pipelines	Tools	Cars
	Industrial equipment/machinery		Motorcycles
			RVs and ATVs

DIRECTIONS FOR USE

Surface Preparation

- Remove any loose rust and ensure the surface is free of dust, dirt and oils.
- Check the OEM manual for the appropriate masking procedure.

Thoroughly mix the product each time prior to use.

Equipment

- **Small area application:** brush, roller (ensure the layer thickness is consistent)

- **Larger area application:** airless piston pump (chemical resistant drum pumps or pail electrical pumps) e.g. Graco 226-040 2:1 ratio stainless steel barrel pump for smaller applications and Graco 224-040 5:1 ratio stainless steel barrel pump for larger applications.
 - Tip size drums: 0.053” - 0.079” (Non-atomizing spray)
 - Tip size pails: 0.019” - 0.031” (Non-atomizing spray)
 - PSI range: 800 working pressure and 3200 bursting pressure

Never leave pumps or hoses in the product after use or when in storage. Thoroughly clean the equipment with water.

Application Recommendations

Test area: do a small test application to determine appropriate equipment, proper product dwell times, application thickness, final removal and cleanup methods.

Application temperature: 05 – 40°C (59 – 95°F) (Do not apply below 5°C or 41°F)

Optimum coverage: 1m² per liter (= 40 sqft per US gallon)

The product works better at warmer temperatures. Good ventilation should be provided in confined areas. Appropriate measures should be taken while working outside. The product may be applied in various conditions, please consult Sea to Sky/Socomore representative for further technical support in this regard. The quality of the application and product usage is dependent on the coating type, film thickness, ambient temperature and the chosen spray equipment.

Dwell Time

The dwell time depends on the degree of rust, ambient temperature and the temperature of the substrate. Allow sufficient dwell time to obtain optimum results. Rust removal will generally take between 1 and 8 hours. Heavy rust may require up to 12 hours of dwell time. 2-3 applications may be required to remove multiple rust layers from the substrate.

Removal and Disposal

Residue can be removed with a scraper, squeegee, wet/dry vacuum system or high-pressured water (use with caution so as not to damage the substrate). Do not store removal material or paint waste in metal containers. Always use a plastic liner when using metal containers.

- Dispose of removal residue and paint chips in vented plastic containers.
- Waste containers should not be completely filled nor tightly sealed as wet paint chips have a tendency to expand and need a breathing period of 24-36 hours.
- Only fill waste up to 75% of its volume.
- Dispose of solid paint waste in accordance with local government regulations.

TECHNICAL CHARACTERISTICS

Appearance	Blue emulsion
pH	2.0 – 4.0
Viscosity	5,000 - 20,000 Centipoises
Boiling point	>100°C (212°F)
Freezing point	0°C (32°F)
Specific gravity	Approximately 1.07 – 1.09
Shelf life	15 months
Storage temperature	0°C - 80°C in a dry place (Keep from freezing)

PRECAUTIONS FOR USE AND STORAGE

Comply with all local safety, disposal and transportation regulations. Check the Safety Data Sheet (SDS) and individual product label carefully before using the product.

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This technical data sheet replaces and cancels the previous one.

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