



FOULFREE MULTI-SURFACE Technical Data Sheet

Product Line Foulfree™

Description Foulfree™ is an engineered solution, designed specifically to protect precision composite substrates like ride-control hardware interceptors, thrusters, rigid inflatables, factory coated parts, fins and other underwater componentry. Transparent, biocide-free, and durable it protects performance without compromise.

Typical Uses As a fouling preventative coating for composite substrates.

Physical Properties

Binder Type	- Silicone Polymer
Solvent	- Aromatic Blend
Colour	- Clear Coating
Finish	- Glossy
Dry time (20°C/68°F)	- 3 hours touch dry - 8 hours hard dry
Theoretical coverage	- 11m ² / L
Wet film thickness	- 90 microns 3 to 4 mils (per coat)
Dry Film Thickness	- 75 microns 3 mils (per coat)
Volume solids	- 83 %
VOC level	- 129 g/L 1.08 lbs/US gallon
Shelf life	- 24 months

Typical Preparation & Application

See application video at www.propspeed.com

Gloves and protective glasses must be worn at all times.

STEP 1: SURFACE PREPARATION

Parts in service:

Remove fouling and/or any previous coatings from the substrate with the prep pad provided.

- In case of heavy fouling, scrape substrate with a plastic putty knife without gouging the surface. Never use a power sander or pressure washer on the sensitive areas. Take care not to deeply score or damage the substrate

Substrate preparation:

1. Lightly scuff/abrade plastic housing with the appropriate abrasive pad.
2. Tape off any areas you do not wish to coat with Foulfree™.

STEP 1: MSclean

- Soak MSClean into a clean & dry rag.
- Clean the substrate thoroughly.
 - TIP: Use white painters rags. A final pass with a soaked section of the rag should show no colour on the white rag if surface is completely clean & free of contamination.
- Ensure the surface is 100% clean and dry before proceeding.

STEP 2: MSPrime

- **Warning:** MSPrime gels at low temperatures. If gelling occurs, tin will need to be warmed to 25°C for 10 minutes with agitation before use.
- Apply one coat of MSPrime using provided bush, ensuring a thin and uniform layer (Target WFT = 100 microns or 4 mils).
- MSPrime requires a minimum of 10-15 minutes to dry at 20°C/68°F.

STEP 3: Clear Coat

- Apply Foulfree™ clear coat using the provided application brush.
- Gently apply one coat to the surfaces that you want to protect from fouling (Target WFT = 90 microns or 3-4 mils).
- Make sure there are no heavy runs or sags. You'll have 5 to 10 minutes to touch these up.
- Foulfree™ requires a minimum of 8 hours to dry before launching. In colder conditions, 40-60 °F (5-13°C), wait at least 24 hours before launching.
- Foulfree™ can sit out of water for extended periods of time in warm or cold climates with no adverse effects.

Performance & Limitations

Performance

- Zero Biocides
- Good fouling prevention properties
- Transparent & non-intrusive coating
- Durable service life

Limitations

- Soft coating, care required to prevent mechanical damage
- Must be removed completely when recoating
- Contains silicone and careful use is required to prevent contamination of other surfaces

Health & Safety

Clear Coat

Contains organic solvents including xylene. Do not expose to naked flame or high temperature heating equipment. Avoid skin contact. It is recommended that a barrier cream or gloves be used for hands and eye protection is worn. Always ensure adequate ventilation when painting.

Transport

UN No.:	1263
Class:	3b
Hazchem:	3Y
Packing Group	III

Storage

Store in a cool, dry, well-ventilated area, away from direct sunlight, naked flames, sparks, and high-temperature equipment.

Note: Foulfree is a single use product.

Shelf life: 2 years

First Aid

- | | |
|--------------|--|
| If swallowed | - Immediately call a doctor/physician. Rinse mouth with water. Do NOT induce vomiting. |
| Skin contact | - Wash with soap and water |
| Eye contact | - Flush with copious quantities of clean water. Seek medical attention. |
| Inhalation | - Remove to fresh air. Seek medical attention. |