



Propspeed Clear Coat Technical Data Sheet

Product Line Propspeed Clear Coat

Description Propspeed is an environmentally safe long life foul release coating which prevents the attachment of marine growth by low critical surface tension. Propspeed does not contain copper or tin compounds or any other toxic substances which might cause environmental pollution.

Typical Uses As a fouling preventative coating for boat propellers and running gear. Because Propspeed does not contain copper it is suitable for use close to stern drive, rudder assemblies, underwater lights, keel coolers and bow thrusters.

Physical Properties

Binder Type	- Silicone Polymer
Colour	- Clear Coating
Finish	- Glossy
Coat to apply	- 1
Theoretical Coverage	- 11 m ² /L 448 sq ft/US gallon
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
Dry time	- 3 hours touch dry - 8 hours hard dry at 20°C
Recoat time	- Recoating not recommended
Shelf life	- 2 years at 25°C 77°F
Solvents	- Aromatic/Aliphatic Blend
Clean up	- Xylene

Application Propspeed Application Kit Roller (PSAP4KIT, PSAP4-10) or brush.

Surface Preparation & Application

See application video www.propspeed.com/application

Propellers, shafts and rudders

Clean off all marine growth. Remove old Propspeed using Strispeed (refer TDS sheet). Abrade metal surface to an 80-grit profile. Use Propclean to remove any organic contaminants, including grease and oil resulting from fingertip contact with the metal substrate. Wipe on and wipe off immediately with a clean cloth until clean. Apply Propprep to provide a chemically conditioned surface and wipe off with a clean cloth. Apply 2 coats Propspeed Etching Primer, when touch dry apply 1 full coat Propspeed Clear by Propspeed roller or brush, ensuring edges are free from drips. Do not immerse for minimum of 8 hours.

New Propellers

We recommend abrading the metal surface to an 80-grit profile, then pre-conditioning all metal with Propclean and Propprep before applying the Etch Primer, refer to Propclean and Propprep data sheets.

Removal and Recoating of Propspeed

Process: When reapplying Propspeed the following steps should be taken.

- Remove the old Propspeed using Stripspeed (refer TDS sheet).
- Abrade to 80-grit profile, and clean entire area with Propclean and Propprep.
- Recoat as per Propspeed instructions.

Performance & Limitations

Performance

- Biocide free
- Good fouling prevention properties
- Clear coating
- Long service life (1 to 2 seasons)

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
- The Propspeed system is not recommended nor approved for use in aquaculture or contact with food products.

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. When handling product, do not eat, drink or smoke. Always ensure adequate ventilation when painting and ensure appropriate certified respirator is used.

Transport

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

Storage

Do not store close to naked flames or near high temperature heating equipment.

First Aid

If swallowed	- Give milk or water, seek medical attention.
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.