



VapCor Inc. Preservation Products

VapCor Marine Coat Float Coat

CORROSION PREVENTION COATING

VapCor Marine Coat Float Coat is a highly effective single component, solvent free, lubricating, thixotropic liquid that will not dry out over time and will penetrate ferrous and non-ferrous metals to the base, providing corrosion protection in the harsh marine environment.

VapCor Inc. recommends that float applications should not be used to coat regular tanks, however, there may be some conditions that a float application is the only choice. It should only be considered for rudders, void spaces and other inaccessible spaces where it may be the only practical way to apply and where the space will remain dry and not used.

FEATURES

BENEFITS

<ul style="list-style-type: none"> • Long Life 	<ul style="list-style-type: none"> • Typically 5 years between major applications
<ul style="list-style-type: none"> • Has moisture displacing characteristics 	<ul style="list-style-type: none"> • Can be applied to damp surfaces
<ul style="list-style-type: none"> • Thermally stable over a broad range of temperature (50 – 95°F) (10-35°C) 	<ul style="list-style-type: none"> • Resistant to flowing, wide range of applications
<ul style="list-style-type: none"> • Easy removal by petroleum solvents, hot alkaline cleaners or steam cleaning 	<ul style="list-style-type: none"> • Repairs are facilitated

Surface Preparation

The Maximum performance of **VapCor Marine Coat Float Coat** can be achieved only when the metal surfaces to be protected are clean, free of rust, oil & Mil scale. The recommended metal substrate temperature is 10° - 35°C.

METHODS OF APPLICATION

1. **VapCor Marine Coat Float Coat** can be pumped into the void tank in its pure state and then drained back to the drum and be re-used.
2. An alternative method is floating **VapCor Marine Coat Float Coat** on water using one gallon for every 400 ft² of metal surface (including top, bottom and sides of void tank). **VapCor Marine Coat Float Coat** should be clearly visible as a distinct floating layer on the surface of ballast tank water.

The procedure for a float application is as follows:

1. Put in the required amount of **VapCor Marine Coat Float Coat** into an empty tank (1 gal/400 ft² or 4 ltr/25m²) of surface area to be coated.
2. Fill the tank/space from the bottom.
3. SLOWLY add water, filling the tank completely (filling quickly emulsifies the coating and it will then need time to separate). This ensures that the tank top is coated.
4. SLOWLY drain the water from the tank at a rate of 1 inch per minute. This ensures that the coating will adhere to the tank sides. Do not discharge the water completely. Leave 6 inches of water in the tank to avoid discharging any **VapCor Marine Coat Float Coat**.
5. If visual inspection is possible, do so. If there are any areas not covered, repeat the process. However, if all of the above instructions are followed properly, this should not occur.
6. Allow the tank to ventilate for 24 hours. This will allow the coating time to penetrate the surface. The more ventilation and the warmer the temperature (minimum application temperature is 50°F or 10° C), the quicker the curing process.

7. An alternative method is to add water to the 85% of the tank then slowly add **VapCor Marine Coat Float Coat** to the top of the water, let sit for 2 hours then press up the tank slowly and follow the procedures laid out in items 3-6.
8. Each float will leave a 1 mil thick firm coating film. To increase the thickness of the film and extend the time the firm film will protect the steel, step 1 through 6 should be followed after the 24 hour curing time.

Please note: if VapCor Marine Coat Float Coat thickens due to cold storage or loss of solvent during use, Contact VapCor Inc. **VapCor Marine Coat Float Coat** can also be sprayed on or dipped.

REMOVAL

VapCor Marine Coat Float Coat can be removed by solvent borne thinner, Vapor Degreasing, hot alkaline Wash, or low-pressure steam. **VapCor Marine Coat Float Coat** can be removed from fabrics by normal dry cleaning. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces as these solvents may adversely affect paint.

TYPICAL PROPERTIES

Flash, PMCC*, Minimum	355°F
Density, Weight/Gallon @ 77°F (25°C)	7.95
Specific Gravity @ 60°F (15.6°C)	.94
Recommended Dry Film Thickness over metal Profile	3 - 5 Mils
Theoretical Coverage @ Recommended Dry Film Thickness	1 gallon 400 ft ²
Non-Volatile % by weight	>98.0%
Non-Volatile % by Volume	>98.0%
Volatile Organic Content (VOC), Maximum	.06 lbs/gallon
Cure Time	Always stays oily
Appearance	Tan Oily Film

*PMCC (Penske Martin Close Cup), ** ASTM (American Society for Testing and Materials)

PACKAGING

VapCor Marine Coat Float Coat corrosion prevention coating is available in 53 US Gallon (205 liter) containers (2-3 weeks lead time required.) **Order Code: A08-VMCFC-054**

Important Information to be aware of:

This private label product has been formulated and manufactured by Daubert Chemical. For VapCor Inc. Daubert Chemical maintains Material Safety Data Sheets on all its products. Material Safety Data Sheets contain health and safety information for the user of the product to develop an appropriate product handling procedure to protect the user and all company employees and customers. Before using Daubert Chemical manufactured products in your facilities the Material Safety Data Sheets should be read and understood by all your supervisory personnel and employees.

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VapCor Inc.

Canada

530 Eastchester Ave. St. Catharines, Ontario, Canada, L2M 7P3,

Ph# 905-346-2638 Ph# 866-642-1311, Fax# 905-682-3300

Solutions@Vapcor.com www.vapcor.com

USA

Seattle Washington

Miami Florida