

Cargo Tank Repair Coating

PRODUCT DESCRIPTION A two pack, one coat chemical tank repair coating.

INTENDED USES Suitable for the carriage of an extensive range of aggressive cargoes including solvents and chemicals, clean and dirty petroleum products, vegetable and animal oils.
For use at On Board Maintenance only, to repair small patches of organic Interline Cargo Tank Coatings.

PRODUCT INFORMATION

Colour	TCA100-Grey
Finish/Sheen	Gloss
Part B (Curing Agent)	TCA105
Volume Solids	94% ±2% (ISO 3233:1998)
Mix Ratio	4.76 volume(s) Part A to 1 volume(s) Part B
Typical Film Thickness	300 microns dry (319 microns wet)
Theoretical Coverage	3.13 m ² /litre at 300 microns dft, allow appropriate loss factors
Method of Application	Brush
Flash Point (Typical)	Part A >80°C; Part B 43°C; Mixed >80°C
Induction Period	15 minutes

Drying Information	10°C	15°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	36 hrs	31 hrs	20 hrs	9 hrs
Hard Dry [ISO 9117-1:2009]	44 hrs	40 hrs	24 hrs	12 hrs
Pot Life	3 hrs	3 hrs	2 hrs	90 mins

Overcoating Data - see limitations	Substrate Temperature							
	10°C		15°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max

Note May be overcoated by self if target dft is not achieved in one coat. Consult International Paint.

REGULATORY DATA

VOC	86 g/lit as supplied (EPA Method 24) 54 g/kg of liquid paint as supplied. EU Solvent Emissions Directive (Council Directive 1999/13/EC)
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Note: VOC values are typical and are provided for guidance purposes only. These may be subject to variation depending on factors such as differences in colour and normal manufacturing tolerances.

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CERTIFICATION

When used as part of an approved scheme, this product has the following certification:

- Food Contact - FDA Compliant in accordance with section 175.300 of the Code of Federal Regulations
- Food Contact - Compliant with EU Framework Directive 1935/2004

Consult your International Paint representative for details.

SURFACE PREPARATIONS

Use in accordance with the standard Worldwide Marine Specifications.

All surfaces to be coated should be clean, dry and free from contamination.

High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning.

OBM - Exposed steel and corrosion:

Hand or power tool clean to a minimum St2 (ISO 8501-1:2007). Note, all scale must be removed and areas which cannot be prepared adequately by chipping or needle gun should be spot blasted to a minimum standard of Sa2 (ISO 8501-1:2007). Typically this would apply to C or D grade steel in this standard. Small and independent damaged areas can be hand prepared with medium grit aluminium oxide abrasive paper (P80-P120).

Interline Renew is suitable for overlap onto aged Interline 9001, Interline 994, Interline 994LT and Interline 704.

Loose or flaking coatings should be removed back to a firm edge and then abraded to leave a feathered edge.

Interline Renew should be applied to overlap the existing coating by 2-3 centimetres (one inch).

NOTE

For use in Marine situations in North America, the following surface preparation standards can be used:

SSPC-SP6 in place of Sa2 (ISO 8501-1:2007)

SSPC-SP2 in place of St2 (ISO 8501-1:2007)

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APPLICATION

Mixing	Material is supplied in 2 containers as a unit. Always mix a complete unit in the proportions supplied. (1) Agitate Base (Part A) with a suitable mixing tool. (2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with a suitable mixing tool.
Thinner	DO NOT THIN
Airless Spray	Application by airless spray is not possible.
Conventional Spray	Application by conventional spray is not possible.
Brush	Application by brush is recommended for all repairs. Only flat headed brushes should be used. Target the repair area to keep application area to a minimum.
Roller	Application by roller is not possible.
Cleaner	International GTA415/GTA822
Work Stoppages and Cleanup	Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units. Clean all equipment immediately after use with International GTA415/GTA822. Do not exceed pot life limitations. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.
Welding	In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation. In North America do so in accordance with instruction in ANSI/ASC Z49.1 "Safety in Welding and Cutting."

SAFETY

All work involving the application and use of this product should be performed in compliance with all relevant national Health, Safety & Environmental standards and regulations.

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and container labels. If you do not fully understand these warnings and instructions or if you can not strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during application and drying to keep solvent vapour concentrations within safe limits and to protect against toxic or oxygen deficient hazards. Take precautions to avoid skin and eye contact (ie. gloves, goggles, face masks, barrier creams etc.) Actual safety measures are dependant on application methods and work environment.

EMERGENCY CONTACT NUMBERS:

USA/Canada - Medical Advisory Number 1-800-854-6813

Europe - Contact (44) 191 4696111. For advice to Doctors & Hospitals only contact (44) 207 6359191

R.O.W. - Contact Regional Office

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LIMITATIONS

This product is a temporary solution for cargo tank repairs and is intended for use during on board maintenance. This product will not cure adequately below 10°C (50°F). At no time during the application, and up to the hard dry time of the final coat, must the steel temperature fall below 10°C (50°F) or the relative humidity exceed 80%. For cargo tanks repaired with Interline Renew, continue to follow the cargo resistance guide of the repaired coating. Consult the Interline Renew Application Guidelines, Product Information Card (PIC) and your International Paint Representative for further details.

The drying times may alter due to various on-site factors such as tank configuration, ventilation rates, etc. Consult the detailed coating application procedures for the time interval required between coating completion and cargo loading.

Temperature of the surface to be coated must be at least 3°C (5°F) above the dew point and a minimum of 10°C (50°F). The minimum temperature of 10°C (50°F) must be maintained throughout the application (including between coats) and up to the hard dry time of the final coat of the system. Interline Renew must be conditioned to a minimum temperature of 15°C (59°F) and preferably to 23°C (73°F) or above, prior to mixing. Maintaining the paint at higher temperatures before mixing ensures ease of mixing and application. Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE Section of this data sheet.

Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application guidelines. Test performance results were obtained in a controlled laboratory environment and International Paint makes no claim that the exhibited published test results, or any other tests, accurately represent results actually found in all field environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection, verification of performance and use of the coating.

UNIT SIZE	Unit Size	Part A		Part B	
		Vol	Pack	Vol	Pack
	2 lt	1.65 lt	2 lt	0.35 lt	0.5 lt
For availability of other unit sizes consult International Paint					
UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight			
	2 lt	3.63 Kg			
STORAGE	Shelf Life	Part A - 12 months minimum at 25°C. Part B - 12 months minimum at 25°C Subject to reinspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.			

WORLDWIDE AVAILABILITY Consult International Paint.

IMPORTANT NOTE

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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