

CIM VOC Compliant Bonding Agent

OVERVIEW

DESCRIPTION CIM VOC Compliant Bonding Agent is an organo-silane compound dispersed in acetone. CIM VOC Compliant Bonding Agent improves the adhesion of CIM high performance coatings and linings to a variety of surfaces. CIM VOC Compliant Bonding Agent may be used as a direct replacement for CIM Bonding Agent.

ADVANTAGES CIM VOC Compliant Bonding Agent assists in adhesion of CIM coatings to non-porous substrates like metal, glass, plastics and tile. It improves the bond when applying CIM coating to properly prepared fully cured CIM coating. When applying a CIM coating to an existing CIM coating after the recoat window has passed, it is necessary to abrade the surface and apply CIM VOC Compliant Bonding Agent to the properly prepared area. Refer to the appropriate Technical Data Sheet and application guides for specific product recoat windows.

Adhesion of CIM coatings is promoted by the organo-silane compound. The acetone acts as a dispersant for the organo-silane compound. **DO NOT EXCEED THE RECOMMENDED COVERAGE.**

CIM VOC Compliant Bonding Agent is ANSI/NSF 61 classified for contact with potable water when used as an adhesion promoter for C.I.M.'s ANSI/NSF 61 approved products.

SURFACE PREPARATION

GENERAL: Substrates must be **clean and dry** with no oils, grease or loose debris. See C.I.M. Industries' specific substrate Instruction Guide for specific guidelines.

STEEL: Minimum 3 mil profile.
Immersion service – SSPC-SP10 / NACE No. 2 Near White Blast.
Non-Immersion service – SSPC-SP6 / NACE No. 3 Commercial Blast.

NON-FERROUS METALS: SSPC-SP1 solvent clean and abrasive blast to roughen and degloss surface.

OTHER: Contact C.I.M. Industries.

COLOR Clear

SOLIDS BY VOLUME 1%

RECOMMENDED COVERAGE

POROUS SURFACES:	300 sq. ft./gal.
NON-POROUS SURFACES:	600 sq. ft./gal.

DO NOT APPLY MATERIAL AT HIGHER COVERAGES PER SQUARE FOOT. Applying too much CIM VOC Compliant Bonding Agent will result in less adhesion than if the CIM VOC Compliant Bonding Agent had not been used. When applied at the proper coverage, evaporation should occur within a few minutes.

VOC 0 g/l (0lbs./gal.).
Do not use this product where solvent cleaners are prohibited.

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GENERAL APPLICATION INFORMATION

FOR PROFESSIONAL USE ONLY

PRECAUTIONS Avoid contamination with water or moisture. Keep all pails and jugs tightly closed until ready for use. All equipment, air supplies, and application substrates must be **ABSOLUTELY DRY**. Do not apply in wet weather or when rain is imminent or when the CIM VOC Compliant Bonding Agent or the substrate may become wet prior to membrane application.

TEMPERATURE Surface should be dry and at least 5°F (3°C) above the dew point. **To maintain effectiveness of the adhesion promoter, subsequent CIM coatings and linings need to be applied within 1 hour of CIM VOC Compliant Bonding Agent application.**

EQUIPMENT Apply light fog coat with precision sprayer. Do not use brush, roller, etc. because application will be too heavy.

POT LIFE Material evaporates quickly from an open container.

MIXING Mixing not required. Shake can before use. **DO NOT THIN.**

DRYING TIME <1 to 30 minutes depending on environmental factors. Acetone carrier will evaporate quickly on non-porous surfaces and less quickly on porous surfaces or surfaces where wicking may occur. Failure to allow complete drying and evaporation of the acetone carrier will result in an incomplete cure of the CIM coatings and linings and poor adhesion to the substrate. **ALLOW FOR COMPLETE EVAPORATION.** Surface must not appear wet or discolored before applying CIM coatings and linings and coatings. Do not apply CIM VOC Compliant Bonding Agent to uncured CIM coatings and linings. **KEEP SUBSTRATE DRY PRIOR TO COATING.**

CIM COATINGS OR LININGS MUST BE APPLIED WITHIN 1 HOUR OF APPLICATION OF CIM VOC COMPLIANT BONDING AGENT. IF MORE THAN ONE HOUR HAS ELAPSED FROM INITIAL APPLICATION OF CIM VOC COMPLIANT BONDING AGENT, REAPPLY CIM VOC COMPLIANT BONDING AGENT.

CLEAN-UP Use soap and water for clean up.

CONTACT C.I.M. INDUSTRIES FOR SPECIFIC RECOMMENDATIONS AND INSTRUCTION GUIDES.

www.cimindustries.com

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SHIPPING, STORAGE AND SAFETY DATA

WARNING Flammable. Use only in well ventilated areas. Do not store or use near open flame, sparks or hot surfaces. Keep tightly closed. Avoid contact with moisture or water. Keep out of reach of children.

SAFETY INFORMATION This product contains acetone, organo-silane derivatives and/or other chemical ingredients. Adequate health and safety precautions should be observed during storage, handling, application and curing. Refer to C.I.M. Industries' Material Safety Data Sheets for this product for further details regarding the safe use of this product.

PACKAGING Packaged in 5 gallon and 1 gallon containers.

SHIPPING	1.0 Gallon Can	5.0 Gallon Pail
Weights	6.6lbs/can (40 lbs/case of 6)	33lbs/pail
Properties		
Flash Point	0°F (closed cup)	0°F (closed cup)
Shipping Name	Acetone Mixture	Acetone Mixture
DOT Class	Class 3, UN1090, PGII	Class 3, UN1090, PGII
STORAGE		
Temperature	20°F Minimum – 90°F Maximum	
Shelf Life	Two years at recommended storage temperature.	
NFPA	Class IB	

THE INFORMATION PRESENTED IN THIS PUBLICATION IS SUBJECT TO CHANGE WITHOUT NOTICE.



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