



IMA-901  
 COROTILE®  
 HEAT RESISTANT  
 COATING  
 G206-2 BLACK  
 Rev. 08/09

Coronado Industrial Coatings - 308 Old County Road · Edgewater, Florida 32132 · 800-883-4193 · FAX 800-394-9022

## COROTILE® HEAT RESISTANT COATING G206-2

Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Modified Silicone	Low Sheen	400 – 480 Sq. Ft. Per Gallon*	Brush, Roller or Spray	Mineral Spirits	Mineral Spirits OR VM&P Naphtha
<b>Dry Time:</b>	<b>Tack Free:</b> 2-4 Hours	<b>Recoat:</b>	24 Hours	<b>Full Cure :</b>	1 Hour at 300° F

<b>PRODUCT NAME: Corotile® Heat Resistance Coating G206-2 Black</b>	This High Heat Resistant Coating is designed for use on surfaces which are exposed to sustained temperatures of 600° F. For exterior exposures, a two-coat application is strongly recommended.	
<b>WHERE TO USE:</b>	<b>Steel Iron</b>	High Heat Resistant Coating may be used to coat boilers, pipes, heat stacks, heat exchangers, etc. Not recommended for immersion service or on surfaces where continual heat is above 600° F.
<b>SURFACE PREPARATION:</b>	The surface to be coated must be dry, clean and free of rust, mill scale, oil, grease or any other surface contamination that could affect proper adhesion. The coating life of High Heat Resistant Coating is dependent on the degree of surface preparation and correct surface profile. Use an abrasive aggregate that will produce a blasted profile that is 50% of the dry film thickness of the first coat. Abrasive blast cleaning to SSPC-SP6 commercial blast is recommended. This High Heat Resistant Coating should be applied directly to the clean metal surface.	
<b>APPLICATION:</b>	Stir product thoroughly to assure uniform pigment dispersion. High Heat Resistant Coating may be applied by brush, roller or spray at up to 400-480 square feet per gallon. Two thin coats will out perform one heavy coat. This coating will air dry to full cure, in 7 days or it may be heat cured at 300° F in 1 hour. Allow coating to air dry 2 to 4 hours before heating to 300° F. For exterior applications, always apply two coats. Do not use this coating on surfaces that will exceed the high temperature range or premature film failure will occur.	
<b>*NOTE ON SPREAD RATE:</b>	Actual spread rate will vary based upon numerous factors, including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.	
<b>RESIN TYPE:</b>	Modified Silicone	
<b>VOLUME SOLIDS:</b>	Weight - 70.0 ± 1.0% Volume - 48.4 ± 1.0%	
<b>WEIGHT PER GALLON:</b>	10.8 lbs.	
<b>VISCOSITY:</b>	70-75 KU (Krebs Units)	
<b>SPECULAR GLOSS:</b>	15-20 units @ 60°	

<b>FLASH POINT:</b>	50° F. (TT-P-141, Method 4293)
<b>SAG RATING:</b>	Pass 6 mils (Leneta)
<b>WET FILM THICKNESS:</b>	3.3 to 4.0 mils
<b>DRY FILM THICKNESS:</b>	1.6 to 1.9 mils
<b>HEAT RESISTANCE:</b>	Sustained - 600°F Intermittent - 800°F
<b>CAUTIONS:</b>	<p style="text-align: center;"><b>WARNING!</b></p> <p>HARMFUL IF INHALED. FLAMMABLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE. Do not get in eyes, on skin or clothing. May be harmful if absorbed through skin. Causes eye, nose, throat and skin irritation.</p> <p><b>Contains VM&amp;P Naptha, Aliphatic Hydrocarbons, Ethylbenzene and Crystalline Silica</b> – Crystalline Silica can cause cancer. Risk of cancer depends on duration and level of exposure.</p> <p><b>NOTICE:</b> Reports have associated repeated and prolonged occupational overexposure to solvent with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.</p> <p><b>Use only with adequate ventilation.</b> Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Do not breathe dust, vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. Close container after each use. Keep away from heat, sparks and flame. Vapors can cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone.</p> <p><b>First Aid:</b> In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean contaminated shoes. If swallowed, do not induce vomiting. Get medical attention immediately.</p> <p>If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.</p> <p><b>DANGER</b> – Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed, water-filled metal container.</p> <p><b>WARNING:</b> This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.</p> <p style="text-align: center;"><b>Obtain and read the MSDS prior to using this product.</b></p> <p style="text-align: center;"><b>KEEP OUT OF REACH OF CHILDREN</b></p> <p style="text-align: center;"><b>FOR INDUSTRIAL &amp; PROFESSIONAL USE ONLY</b></p>
<b>VOC/VOS STATEMENT:</b>	This product contains a maximum of 400 grams of VOC/VOS per liter of coating. (3.33 Pounds Per Gallon)
<b>OTC CATEGORY:</b>	This product is compliant under the Ozone Transport Commission regulations as a High Temperature Coating.