

CORRO-CHEM 330 HHA TECHNICAL DATA

HIGH PERFORMANCE, 100% SOLIDS EPOXY COATING FOR AGGRESSIVE CHEMICAL RESISTANCE AND APPLICATION ONTO HOT SURFACES WITHOUT A SHUTDOWN

**Easy application even to hot surfaces
at 125°C (257°F)**

**High Performance
100% Solids Epoxy Coating
Easy 1:1 Mixing Ratio**

DESCRIPTION	<p>CORRO-CHEM 330 HHA is designed for applications where resistance to aggressive chemical exposure & heat is of paramount importance. The sophisticated resin formula has excellent resistance to acids, acid fumes and a wide variety of solvents.</p> <p>CORRO-CHEM 330 HHA cures to a very tough, abrasion and impact resistant film. Proprietary gelling agents confer heat resistant high properties, which allow easy application even to hot surfaces of 120°C (248°F).</p> <p>The high heat resistance of CORRO-CHEM 330 HHA makes it very attractive for a number of critical applications like coating for risers, flow-lines, hot piping, Christmas trees, pressure vessels, flare-booms, CUI piping (Corrosion Under Insulation) and other areas exposed to high ambient temperatures and hydrocarbons exposure up to 125°C continuous and intermittently up to a maximum of 149°C.</p> <p>Application is typically by brush or roller – use natural bristles and fibers only since synthetic materials soften at high application temperatures.</p>
USES	<p>EXTERNAL TANK, PRESSURE VESSEL, PIPING LINING, WET LAID UP WITH FIBERGLASS / CARBON COMPOSITES FOR HIGH TEMPERATURE RESISTANCE:</p> <p>High hydrocarbon chemical resistance and early return to service make CORRO-CHEM 330 HHA an ideal high build tank lining, pipe coating & riser protection around splash zones where applications must be made to hot surfaces. NOTE: Cure times are reduced at high temperatures, for example dry time at 93°C (200°F) is approximately 8 minutes.</p>
APPLICATION TEMPERATURE	60°C –125°C (continuous) and up to 149°C (intermittent)
APPEARANCE	<p>COLORS Standard Off-White – others available</p> <p>FINISH Smooth, satin gloss</p>
PHYSICAL PROPERTIES	<p>VEHICLE TYPE Epoxy / Aliphatic amines</p> <p>PIGMENTATION Color / Inert</p> <p>CLEANER Corro-Dur cleaning solvent</p> <p>MIXING RATIO 1 : 1 by volume</p> <p>INDUCTION TIME Not required</p> <p>POT LIFE Approx. 40 minutes / 77°F (25°C)</p> <p>THINNING..... Not normally required</p> <p>SOLIDS BY VOLUME 100%</p> <p>RECOMMENDED THICKNESS..... 500 microns (min), 750 microns & above (for immersion)</p> <p>SPREADING RATE / GAL 7.57 sq.m / US gal (3.785 liters) @ 750 microns</p> <p>DRY TIME (TO TOUCH) 8 hours at 77°F (25°C)</p> <p>DRY TIME (RECOAT) 12 hours min – 5 days max at 77°F (25°C)</p> <p>APPLICATION METHOD Brush, roller, plural heated airless spray, (pref.)</p> <p>SHELF LIFE 24 Months minimum</p> <p>VOC Essentially Zero</p>

SOLVENT - FREE COATING FOR WET OR BRUTAL ENVIRONMENTS

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SURFACE PREPARATION	<p>Surface must be free of oil, grease, dirt etc. For steel in atmospheric service an SSPC-SP-6 commercial blast finish will be the ideal standard of surface preparation.</p> <p>Steel For steel in immersion service an SSPC-SP-5 “white metal” blast standard is required. An angular surface profile of 2 – 3 mils, (50 – 75 microns), is recommended. Substrate temperature should be 40°F or above with RH below 85%.</p>
SAFETY INFORMATION	<p>FLASH POINT..... Over 200°F</p> <p>STORAGE CONDITIONS..... Normal</p>
MIXING RATIO	<p>CORRO-CHEM 330 HHA is supplied in 10 US gallon kits, 2 US gallon kits, 1 US gallon kit and 1 litre kit. When applying, the premixed components must be intimately mixed before application, taking special care to incorporate components from the walls and base of the mixing vessels.</p> <p><i>Note: unmixed components will never cure.</i></p>
CURING BEFORE SERVICE	<p>Allow 72 hours curing at 25°C (77°F) before immersion service in hydrocarbon service – check with Corroserv before scheduling return to service.</p>
TRANSPORTATION	<p>Non-regulated by United States - Department of Transport (USDOT), International Air Transport Association (IATA) or International Maritime Organization (IMO)</p>

SAFETY : This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

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