



HydraTech 8002 WaterLine White Epoxy

Issue 11.15

<p style="text-align: center;">PRODUCT DESCRIPTION</p>	<p style="text-align: center;">PHYSICAL PROPERTIES</p>	
<p style="text-align: center;">A HIGH BUILD, SOLVENT-FREE, EPOXY LINING SYSTEM FOR POTABLE WATER APPLICATIONS</p> <p>The HydraTech Waterline product is a fast-curing, solvent-free epoxy coating.</p> <p>Tested and certified by NSF:</p> <p>IAPMO R&T (NSF/ANSI 61) United States for pipe ≥ 6 inches in diameter and tanks ≥ 10 gallons</p>	<p>Color</p> <p>Mix Ratio (by volume)</p> <p>Working Life – 68°F (20°C)</p> <p>Drying Times – 40°F (3°C)</p> <p>Wet Film Thickness (mils)</p> <p>Dry Film Thickness (mils)</p> <p>% Volume Solids</p> <p>Theoretical Coverage (@ 40 mils)</p> <p>Flash Point</p> <p>Storage Life</p> <p>Tensile Strength (MPa)</p> <p>Elongation at Yield (%)</p> <p>Young’s Modulus (MPa)</p> <p>Compressive Yield Strength (MPa)</p> <p>Flexural Strength (MPa)</p> <p>Coating to Concrete</p> <p style="padding-left: 20px;">Bond Strength (N)</p> <p>Coating to Metal</p> <p style="padding-left: 20px;">Bond Strength (N)</p>	<p>Base – Pale Blue</p> <p>Hardener - White</p> <p>Mixed - White</p> <p>2:1 V/V Base:Hardener</p> <p>15 Minutes</p> <p>Touch - 3 Hours</p> <p>Hard - 6 Hours</p> <p>Useable -16 Hours</p> <p>40 (1000μ)</p> <p>40 (1000μ)</p> <p>100</p> <p>10.76 ft²/liter (40.78 ft²/gal)</p> <p>Above 212°F (100°C)</p> <p>Twelve months when stored in original sealed containers, between 50-77°F (10-25°C)</p> <p>22.26</p> <p>1.18</p> <p>1814</p> <p>118.67</p> <p>38.21</p> <p>3316</p> <p>2808</p>
<p style="text-align: center;">PRODUCT INFORMATION INCORPORATING TECHNICAL AND HEALTH & SAFETY DATA</p> <p>SUGGESTED USE:</p> <p>A low temperature cured lining system for equipment, ballast and tanks which require approval for contact with drinking water for human consumption.</p> <p>SURFACE PREPARATION:</p> <p>Surfaces must be sound and free from grease, dust and, if possible, all moisture.</p>	<p style="text-align: center;">APPLICATION RECOMMENDATIONS</p> <p>Minimum Application Temp</p> <p>Maximum Relative Humidity</p> <p>Substrate Temperature</p> <p>Thinning</p> <p>Brush/Roller Application</p> <p>Airless Spray Application</p> <p>Cleaning Fluid</p> <p>40°F (3°C)</p> <p>85%</p> <p>5°F (3°C) above dew point</p> <p>Not Recommended</p> <p>Multi-coats are necessary to achieve correct film thickness. To aid application at low temperatures, both components should be warmed to 60-68°F (15-20°C) prior to mixing. Mix and apply as quickly as possible.</p> <p>See attached Airless Spray Details page.</p> <p>Universal equipment Cleaner</p>	



HydraTech 8002 WATERLINE EPOXY

Potable Water Pipeline Renewal

Issue 10.14

PHYSICAL DATA

APPEARANCE:	Base – Pale Blue Thixotropic Liquid Reactor – White Liquid
ODOR:	Base – Very Mild Reactor – Strong Amine Odor
COMPOSITION:	Base – Epoxy Resin, Iron Oxide, Thixatropo Reactor – Aliphatic Amine, Silica, Titanium Dioxide
% VOLATILES:	Base – 0% Reactor – 0%
FLASH POINT: (Abel Closed Cup)	Base – 212°F (100°C) Reactor -212°F (100°C)
O.E.L. (8 Hours):	Base – Unknown Reactor – Unknown
LD50: (Indications Only)	Base – Unknown Reactor – Unknown

AIRLESS SPRAY DETAILS

EQUIPMENT:	Dual component feed hot airless spray
SPRAY TEMPERATURE:	95-115°F (35-45°C)
SPRAY PRESSURE:	Minimum 2200 psi at the tip
NOZZLE SIZE:	19-21 thou tip 60° nozzle angle
WORKING TIME: (@104°F [40°C])	Maximum 5 minutes

PERSONAL PROTECTION

INHALATION:	Wear suitable respiratory cartridge mask in enclosed spaces. Work in well ventilated areas.
EYES:	Wear suitable goggles.
SKIN:	Wear protective clothing and gloves made of impervious material.
STORAGE:	Store away from direct sunlight and sources of heat. Do not allow temperature to exceed 77°F (25°C).

SPILLAGE

CLEAN-UP METHOD:	Scrape up excess material or absorb onto sand or sawdust and place in sealable containers. Ventilate area, avoid inhalation of vapors.
WASTE DISPOSAL:	See MSDS.

FIRE

EXTINGUISHING METHODS:	Fire Carbon Dioxide, Dry Powder, Water Mist.
SPECIAL PROCEDURES:	Do not inhale vapors.
UNUSUAL HAZARDS:	Dangerous to aquatic life. Do not let uncured material enter the water course.

FIRST AID PROCEDURE

	<u>EFFECT</u>	<u>EMERGENCY FIRST AID</u>
INHALATION	Headache	Remove into fresh air; loosen collar; do not walk around.
SWALLOWING	Irritation	Do not induce vomiting; seek medical advice.
EYES	Irritation	Flush with clean water for ten minutes; seek medical advice
SKIN	Irritation	Remove contaminated clothing; wash thoroughly with soap and water.