

- [Home](#) [Product Catalog](#) [About Us](#) [Adhesives](#) [Chemical Resistant](#) [Epoxy Coatings](#)
[Flooring](#) [Installation](#) [Joints](#) [Mortars & Grouts](#) [Primers & Sealers](#) [Specifier's Info](#)
[Structural](#) [Waterproofing](#) [MSDS & Tech Data](#) [Ordering Info](#)

The Right Product for the Right Job Since 1980



[\[Contact Us\]](#)

Epoxy Tabletop Resin - Epoxy Bar Top Resin

Water Clear Epoxy Casting Resin

Product #214

Table Top Resin Description

Product #214 Water Clear Epoxy Casting - Tabletop Resin - Bar Top Resin is an all-purpose, low viscosity epoxy resin system for coating **wood and concrete counter tops, table tops, bar tops** and similar applications.

Product #214 Water Clear Casting-Tabletop-Epoxy Bar Top Resin is commonly used as a **clear self-leveling flooring material**, where an extremely flat and level floor is required over concrete and wood. Product #214 Casting-Epoxy Tabletop-Epoxy Bar Top Resin is used extensively for **ultra flat leveling of surfaces under equipment**, where a very strong ultra flat bearing surface is a must. It is also used successfully for **ultra flat floors for stages, dance floor, and clean rooms**.

Product #214 Clear Casting-Tabletop-Bar Top Resin is used as a clear adhesive matrix for specialty colored glass and colored aggregate flooring and tiles. Product #214 Clear Casting-Clear Tabletop Resin - Clear Bar Top Resin forms a glossy, hard surface, which is resistant to stains. It is also used extensively as a **water clear casting resin**.

Product #214 Clear Casting- Clear Tabletop- Clear Bar Top Resin has excellent clarity and color

retention. Product #214 Clear Casting Resin-Tabletop Resin-Bar Top Resin has **zero (0) VOC** making it essentially **odorless** and can therefore be used in occupied areas.

Advantages of Clear Table Top Resin #214

- **Low odor** for use in occupied areas
- **Low viscosity** - good wetting properties
- **Meets USDA standards** for use in food handling applications
- **Glossy finish**
- **Stain resistant**
- **Zero (0) VOC** - No VOC means it meets the toughest low VOC standards.



Consideration When Using Clear Table Top Resin

- Minimum application temperature of **Product #214 Clear Epoxy Casting-Tabletop-Bar Top Resin** is 50° F.
- Substrate to receive **Product #214 Water Clear Resin** must be free of curing agents and any foreign materials.

Surface Preparation of Table Top Epoxy

Surface Preparation is the most critical portion to any successful epoxy application. All substrates to receive **Product #214 Water Clear Casting-Tabletop-Bar Top Resin** must be properly cleaned and prepared. Substrate must be free of oil, paint, sealer, caulking, and all other contamination that will interfere with the bonding of this material. Please see [Surface Preparation](#). Contact us for more details.

Mixing Instructions for Clear Resin #214

Stir each component separately. Combine 2 parts A to one part B by volume into a clean container. Stir for three minutes, with an Mixing Paddle, scrapping bottom and sides of container frequently. Do not add thinners.

APPLICATION PROPERTIES @77°F

Mix Ratio	2:1 By Volume
Viscosity (mixed)	950 CPS
Pot Life (200 gr.)	30-40 minutes @ 70° F.
VOC	0
Cure Time (recoat)	10-14 Hours
Ultimate cure @ 74 Degrees F.	5 days
Color	Clear
Packaging Unit Size	3 gallon units

Performance Properties

Tensile Strength ASTM D-638	8500 psi
Elongation ASTM D-638	5.5%
Adhesion to metal	2500 psi
Adhesion to concrete ACI Committee 403	350 psi (Concrete fails)
Hardness ASTM D-2240	80 (Shore D)
Abrasion Resistance ASTM C-501	35-40 mg loss (CS-17 wheel, 1kg load, 1000 Cycles)
Service Temperature MIL-D-3134F	160 F (Immersion) 185 F (Dry Heat)
Impact Resistance MTI-D-3134F § 4.7.3	Withstands 16ft/lbs no cracking, delamination or Chipping.
Indentation MIL-D-3134F §4.7.4	Withstands 2000 lbs./sq. in. for 30 minutes without indentation
Elevated Temperature Resistance MIL-D-3134F § 4.7.5	No slip or flow at required temperatures at 158 F.
Water Absorption ASTM D-570-63 (24 hour immersion)	0.10% maximum
Flexural Strength ASTM D-790	8000 psi
Compressive Strength ASTM D-695	11000 psi

Application of Table Top / Bar Top Epoxy

Application of **Product #214 Water Clear Resin** will vary with application method. Be careful not to incorporate bubbles into the coating. Typical pours are in the 1/16 inch to 1/2 inch thick range per coat. If a second coat is desired, remove all dust, if more than 24 hours after the last coat lightly sand, and then apply second coat.

Safety Precautions When Using Epoxy

Keep away from children. Refer to the Material Safety Data Sheets (MSDS forms) pertaining to this product before using. Avoid contact with skin or eyes. Prolonged or repeated exposure may cause eye and skin irritation. If skin contact occurs, wash immediately with soap and water. If contact with eyes occurs, flush eyes as required with clean water and seek medical help. Use safety glasses with side shields and wear protective rubber gloves.

Cleaning up Epoxy Tabletop - Bar Top Resin

Remove **Product #214 Water Clear Resin** from all tools and equipment before the system gels. Use MEK, Acetone, or any lacquer solvent.

Chemical Resistance of #214 Bar Top Resin

Acetic Acid 5%	L	Lactic Acid- 15%	R
Acetone	L	Methyl Ethyl Ketone	L
Methyl Ethyl Ketone	L	Nitric Acid 10%	R
Bleach	L	Sodium Hydroxide 50%	R
Citric Acid 30%	R	Skydrol	R
Crude Oil & Diesel Fuel	R	Sulfuric Acid 20%	R
Ethylene Glycol	R	Toluene	R
Fatty Acids	L	Urea	R
Gasoline	R	Vinegar	L
Hydrochloric Acid 15%	R	Xylene	R

R=Recommended for continuous service L=Limited recommendation, occasional spills.

Coverage: 231 cubic inches per gallon. At 1/8 inch thick 12.8 SF Per gallon.

Use the [Top Resin Calculator](#) to double check your estimate.

More Information

Information on using Table Top Resin in a [River Simulation](#).

Proper mixing and installation is critical to the optimal success of all products. See [Installation Tips](#), [Techdata](#), & [MSDS](#) for more details on our products. Be sure to contact us with any questions and/or concerns that you have.

For more information please contact:

Epoxy.com

A Division of [Epoxy Systems, Inc](#)
A Vermont Corporation
USA

We have products that have passed the test of time as well as the best new [Systems](#) available today.

Since 1980 - 40 years of the highest quality products

Hours: 9AM-4PM Eastern Time (6AM-1PM Pacific Time)

Closed for lunch from 12Noon to 1PM

321-206-1833 Customer Service - Ordering and Order Status
Katey Lambert-Fontaine, VP - Chief Operations Officer
sales@epoxy.com

Technical Support

352-533-2167 Norm Lambert, President - Technical Support Director
info@epoxy.com

352-489-1666 Accounting and Administration
Debby Lambert, CEO, and CFO Debby Lambert, CEO, and CFO

352-489-1625 Fax line to all Departments

Copyright © 1994-2022 (**providing online information about the right product for the right job for over 25 years**) EPOXY.COM a division of Epoxy Systems, Inc. - Florida and Vermont. All rights reserved.



We accept MasterCard, Visa, American Express, Discover, or Wire Transfers.

>

[Home](#)

[Sales Terms](#)

[MSDS & Tech Data](#)

[Online Ordering Authorization Form](#)

[Add this page to Favorites](#)

[Secure Login](#)