



## Technical Data Sheet

# MCPU 1336 A & B

## Polyurethane Compound

### Product Information

The MCPU 1336 A & B is a two component, reactive cure, polyurethane potting compound. It is designed for use where durability, high abrasion resistance, good elongation, flexibility and low life cycle costs are required. When properly applied, it has outstanding adhesion to metal, urethane foam, EPDM rubber and most other surfaces. MCPU 1336 A & B also resists the effects of mold, mildew, fungus and other parasites.

### Typical Properties

Property	Value
Appearance A, B and Mixed	A: Red Liquid B: Amber Liquid Mixed: Red Solid
Specific Gravity (1336A) gr/cc	1.17 to 1.23
Specific Gravity (1336B) gr/cc	1.07 to 1.13
Viscosity at 70° F (1336A) gr/cc	2800 cps to 3800 cps
Viscosity at 70° F (1336B) gr/cc	3600 cps to 4600 cps
Mixing Ratio by Weight	1.083 A to 1.000 B (52% A to 48% B)
Mixing Ratio by Volume	1 to 1
Specific Gravity Cured Solid gr/cc	1.15
Gel Time Minutes	Adjustable from 2 to 30 minutes at customer request
Hardness (ASTM C-518) Mixed Compound @10 min.	Adjustable with Gel Time
Hardness (ASTM C-518) Mixed Compound @24 hrs.	60 Shore A minimum
Tensile Strength (ASTM D-412) Cured Compound	800 psi to 1100 psi
Elongation (ASTM D-412) Cured Compound	300% to 350%
Hardness (ASTM C-518) Cured Compound @7 days	60 Shore A to 70 Shore A
Maximum Operating Temperature ° F (°C)	176°F (80°C)

**Note:** The above values are not specifications. Open time, gel time and full cure time will all vary depending on temperature and humidity at time of pouring, but gel time can be adjusted to suit customer's requirements between 2 and 30 minutes to allow time for mixing and application. It is recommended that on site testing be performed in job conditions prior to final specification. The above values are lab data only.

### Storage & Handling

MCPU polyurethane sealer must be stored at temperatures between 50°F and 100°F. When transporting or storing material, be sure that the container is sealed and secure. Do not allow to freeze.

**HEALTH & SAFETY INFORMATION:** Health and safety information is available in the form of a Material Safety Data Sheet. This literature, describing proper precautions and personal protective equipment is available for review. To receive this information, please contact an MCPU Polymer Engineering representative. Before working with this product you must read and become familiar with this information. This cannot be overemphasized.

**IMPORTANT:** The information contained in this technical data sheet is offered for your consideration, investigation, and verification. It is presented in good faith and is believed to be reliable. MCPU Polymer Engineering, however, makes no representation to either its accuracy or completeness. MCPU Polymer Engineering makes **NO WARRANTY**, express or implied, with respect to the data contained herein. The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of product evaluations) including any suggested recommendations are beyond our control. Therefore, **IT IS IMPERATIVE THAT YOU TEST OUR PRODUCTS**, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. **YOUR USE OF OUR PRODUCTS CONSTITUTES ACCEPTANCE.** Your application-specific analysis must at least include testing to determine suitability from a technical, as well as health, safety, and environmental standpoint. All information and technical assistance is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation to the contrary is unauthorized and shall not bind us.

For Additional Information, please contact:

Corporate Office:  
708 S. Temescal, Suite 101  
Corona, CA 92879  
951-736-1881  
www.mcpu.net

Manufacturing and R&D:  
826 East Fourth St.  
Pittsburg, KS 66762  
620-231-4239

Updated 03-10-20