

# QuikPlastik Epoxy Putty Plastic Adhesive

**NuFlex**  
SEALANTS

## EPOXY PUTTY STICK TECHNICAL DATA SHEET

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**QUIKPLASTIK** is a hand kneadable, fast setting epoxy putty that bonds, to all major plastic types except polyolefins. When mixed, **QUIKPLASTIK** is the consistency of modeling clay and can be molded into shapes, wrapped around or used to build up and repair just about anything made from many rigid or semi-flexible plastics. After mixing, the color of the putty fades to white.

### FEATURES & TYPICAL USES:

Bonds to PVC (polyvinylchloride), CPVC(chlorinated polyvinylchloride), ABS(acrylonitrile butadiene styrene) and other types of plastics. **Automotive** – Attach, rebuild and repair many types of automotive plastic. Do not use on polyethylene parts such as gasoline tanks. **Appliances** – Repair and rebuild plastic appliance housings and parts including the interior of refrigerators and freezers. **Plumbing** – Seals leaks and bonds to major types of plastics approved for plumbing pipe, e.g., PVC, CPVC, ABS.

### SURFACE PREPARATION & APPLICATION:

**Surface Preparation:** In order to achieve optimum adhesion, surfaces should be clean and free of grease and dirt. Scuffing or sanding the surface prior to cleaning helps ensure a good bond. Degreasers such as mineral spirits or isopropyl alcohol are effective. See manufacturer's MSDS for safety precautions when using solvents or degreaser. **Mixing:** Twist or cut off required amount. To mix, knead with fingers to a uniform color. If mixing is difficult, warm **QUIKPLASTIK** to room temperature or slightly above. Apply to the surface to be repaired while the putty is still soft and pliable. Force into any cracks or holes to be filled and extend the patch at least 1/2" beyond the area being repaired. For a smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening. After 30-45 minutes the epoxy will begin to form a tenacious bond. After 2-3 hours, **QUIKPLASTIK** can be drilled, sawed, carved, sanded, stained, or painted.

### CAUTION:

When mixing by hand, **QUIKPLASTIK** does not cause skin irritation to individuals with normal skin sensitivity. Individuals with extra sensitive skin should maintain caution and wash hands thoroughly after mixing the compound, or wear thin plastic gloves. **QUIKPLASTIK** has been classified non-toxic and non-skin irritating when tested versus the requirements of the Federal Hazardous Substances Labeling Act.

**WARNING:** May cause irritation to sensitive skin. Wash hands with soap and water after use. Eye irritant. In case of eye contact, flush with water. Contact physician. May be harmful if swallowed. Keep out of reach of children. When sanding cured putty or substrate, use protective eye wear and dust mask. Not intended for use in structural applications. Turn off power when doing electrical repairs.

### MANUFACTURED BY:

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FORM: QUIKPLASTIK\_TDS.DOC

REV.: 3 DATE: 03/15



### FEATURES:

- NSF Approved
- Copper reinforced.
- Quick set up.
- Easy to use.
- Adheres to many substrates.
- Ideal for copper pipes, elbows, drains, heaters and tanks.
- Paintable.

### AVAILABLE SIZES & COLOUR:

- 7/8" diameter sticks
- 3-1/2" (2 oz.) length.
- 7" (4 oz.) length.
- Packed in a reusable clear plastic tubes
- Bulk packed in quantities of 24 sticks per case.
- **Available Colour:** White after cure.



[www.NuFlex.com](http://www.NuFlex.com)

# QuikPlastik Epoxy Putty

## Plastic Adhesive



### EPOXY PUTTY STICK TECHNICAL DATA SHEET

#### PATENTS:

- U.S.: 3,708,379; RE 30,843; 3,837,981
- Canada: 993,169
- Japan: 899,724
- W. Germany: 2,322,806
- United Kingdom: 1,452,785

#### SPECIFICATIONS:

Certified by the National Sanitation Foundation (NSF INTERNATIONAL) for use in contact with potable water under Standard 61 –

#### TYPICAL PROPERTIES:

These values are not intended for use in preparing specifications. Spec Writers; please contact NUCO Inc. before writing specifications if any further information is required.

Description	Specification
Work Life, minutes:	20 – 25
Shelf Stability @ 23°C (75°F) Months (minimum):	12
Hardness, Shore D (full cure, 24 HR), (ASTM D 2240):	60 – 70
Lap Shear Tensile Strength, ASTM D 1002:	
<i>On PVC (1" x 1" x 1/16"), lbs (full cure, 24 hours)</i>	500 – 800
Compressive Strength, lbs/in (ASTM D 695):	12,000
Shrinkage, %, ASTM D 2566:	1
Non-Volatile Content, %:	100
Electrical Resistance, megohms, ASTM D 257:	30,000
Dielectric Strength, volts/mil, ASTM D 149:	300
Temperature Limitations, °F:	
Continuous:	121°C (250°F)
Intermittent:	160°C (320°F)
Chemical Resistance, UL 698:	Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions, and dilute acids and bases.

#### DISCLOSURE

The information and data contained herein is BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. Please read all statements, recommendations or suggestions herein in conjunction with our CONDITIONS OF SALE which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as recommendation for any use which would infringe any patent or copyright.

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