



## 1. DESCRIPTION

Ninja Glue™ RC Rodding and Clip Adhesive is a two-part methacrylate rodding and clip adhesive. It is designed to prevent breakage when rodding with fiberglass, composite, or steel rods and for mounting sink and dishwasher clips. Combined at a ratio of 10:1 (10 parts resin, one part activator), Ninja RC has a working time of 4 -8 minutes and achieves nearly 90 percent of its ultimate strength in 30 minutes. Ninja RC bonds to all countertop surfaces, including stone, quartz, sintered stone, porcelain, solid surface and more.

**Company Identification:** IPS Adhesives  
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## 2. CHARACTERISTICS

Room Temperature Cure	Properties
○ Working Time	4 to 8 minutes
○ Fixture Time	15 to 18 minutes
○ Operating Temp.	65°F to 85°F (18°C to 30°C)
○ Mixed Density	10.4 lbs/gal (1.25 g/cc)
○ Color at Cure	Off White

## 3. PHYSICAL PROPERTIES

UNCURED:	ADHESIVE	ACTIVATOR
VISCOSITY (CPS)	100,000 – 150,000	100,000 – 150,000
COLOR	White	Off White
DENSITY (LBS/GAL)	10.3	11.1
MIX RATIO (BY VOL)	10.0	1.0
MIXER RECOMMENDATION	Cartridge(250ml): Cartridge (500ml):	MFQX-0824 – Sulzer Quadro MFQX-0824 – Sulzer Quadro

## 4. MECHANICAL PROPERTIES

TEST	RESULT	FAILURE MODE
TENSILE STRESS ON COLD ROLLED STEEL	> 2,000 psi	Cohesive Failure
90-DEGREE CLIP PULL ON GRANITE	> 10,000 psi	Substrate Failure

## 5. HANDLING AND APPLICATION

Ninja RC adhesive (Part A) and activator (Part B) are flammable. Contents include methyl methacrylate, 2-methylpropanoic acid, and peroxide. Keep containers closed after use. Wear gloves and safety glasses to avoid skin and eye contact. Wash with soap and water after skin contact. In case of eye contact, flush with water for 15 minutes and get medical attention. Harmful if swallowed. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. Do not smoke cigarettes or anything else while handling or near the product. Refer to the Safety Data Sheet for more complete safety instruction. To assure maximum bond strength, surfaces must be mated together within the specified working time, and all clamps affixed within that time. Use sufficient material to ensure that the bond area is completely filled when parts are bonded. Avoid over clamping parts, which may cause a dry joint or a joint starved of adhesive. All adhesive application, part positioning, fixturing, and clamping should occur before the working time of the adhesive has expired. After the indicated working time, parts must remain undisturbed until the fixture time is completed. Sheet, adhesive, and shop temperature can have a significant effect on the work and fixture time of the adhesive. Application of Ninja RC adhesive at temperatures between 65°F and 85°F (18°C and 30°C) will ensure proper cure. Temperatures below 65°F (18°C) will slow cure and fixture speed. Ninja RC adhesive will still react but will take longer. Temperatures above 85°F (18°C and 30°C) will increase cure and fixture speeds, and there's a risk that the adhesive will be hardened or too thick to pull a tight seam. The viscosities of Ninja RC adhesive are affected by temperature.

**NOTE:** Because of the rapid curing features of Ninja RC adhesive, large amounts of heat are generated when large masses of material are mixed at one time. The heat generated by the exothermic reaction resulting from mixing large amounts of adhesive can result in a boiling of the monomer in the adhesive (methyl methacrylate), resulting in the release of trapped air, steam and volatile gasses. To prevent this, use only enough material as needed for use within the working time for the product.

## 6. HANDLING AND STORAGE

Long-term storage at temperatures above room temperature will shorten the shelf life of Ninja RC adhesive. Storage at temperatures above 100°F or 38°C could shorten the shelf life to less than one month. Ninja RC adhesives do not freeze in sub-zero temperatures. If Ninja RC adhesive is left in subzero temperatures (i.e. in a truck overnight(s) during wintertime, allow adhesive to return to room temperature before use. While Ninja RC adhesive can survive freezing temperatures, it is not advised to store them that way.

## 7. ADDITIONAL INFORMATION

**NOTE:** While all Information contained herein are to the best of our knowledge accurate as of the date of this publication, nothing herein is to be construed as a warranty, express or otherwise. We suggest that the end user evaluate and validate the information prior to use. In all cases it is the responsibility of the user and NOT of IPS Adhesives to determine the suitability of the adhesive and dispensing systems for its own particular purpose and use environment. Contact IPS Adhesives for more information at: 1-877-422-GLUE (4583) • [customer.service@ipsadhesives.com](mailto:customer.service@ipsadhesives.com)

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