Loctite 442-1329467

Loctite 243 Blue Medium Strength Threadlocker Instruction Manual

Your guide to proper use, maintenance, and safety for Loctite 1329467 243 Blue Medium Strength Threadlocker.

Product Overview

The Loctite 243 Blue Medium Strength Threadlocker (Model: 442-1329467) is a general-purpose, medium-strength adhesive designed for the locking and sealing of threaded fasteners. This formulation offers improved oil tolerance, allowing for effective curing on as-received fasteners without prior cleaning.



Image: Loctite 243 Blue Medium Strength Threadlocker in a 50 mL bottle.

Key Features

- **Size:** 50 ml (1.69 Ounces)
- **Color:** Blue
- **Characteristic Odor:** Distinctive scent
- **Medium Strength:** General-purpose threadlocker for secure fastening.
- **Improved Oil Tolerance:** Cures effectively on fasteners with minor oil contamination, reducing the need for extensive pre-cleaning.

Setup and Preparation

For optimal performance, ensure surfaces are clean and dry. While Loctite 243 offers improved oil tolerance, removing excessive grease or dirt will enhance adhesion. Lightly abrade smooth surfaces for

better mechanical interlocking.

Shake the product container well before use to ensure consistent mixture. Remove the cap and prepare the applicator nozzle.

Application Instructions

Apply a few drops of Loctite 243 directly onto the threaded area of the bolt where the nut will be positioned. The amount needed will vary depending on the size of the bolt and the desired coverage. Ensure the threadlocker is distributed evenly around the threads.

Assemble the parts promptly after application. The product begins to set quickly, typically within 10 minutes for initial cure. Full cure is achieved within 24 hours, after which maximum strength is reached.

Usage Tips

- For through holes, apply several drops to the bolt at the nut engagement area.
- For blind holes, apply several drops down the internal threads to the bottom of the hole.
- For sealing applications, ensure complete coverage of the threads.
- Avoid over-application; a small amount is often sufficient.

Storage and Maintenance

Store Loctite 243 in its original container in a cool, dry place. Keep the container tightly sealed when not in use to prevent contamination and premature curing.

To clean excess uncured material, use a clean cloth or paper towel. Cured material may require mechanical removal or specialized solvents.

Troubleshooting

If disassembly is required after full cure, Loctite 243 is a medium-strength threadlocker and can typically be removed with standard hand tools. For stubborn applications, localized heat (e.g., from a heat gun) applied to the fastener may aid in removal.

Ensure proper surface preparation and application technique if the threadlocker does not perform as expected. Contamination or insufficient product can affect curing and holding strength.

Product Specifications

Attribute	Value
Brand	Loctite
Model Number	442-1329467
Product Dimensions	0.67 x 0.12 x 0.28 inches; 1.69 ounces
Item Form	Liquid
Color	Blue
Material	Methacrylate Resin

Compatible Material	Stainless Steel
First Available Date	June 27, 2017

Safety Information

Always use Loctite 243 in a well-ventilated area. Avoid contact with skin and eyes. In case of contact, rinse immediately with plenty of water and seek medical advice if irritation persists. Keep out of reach of children. Refer to the Safety Data Sheet (SDS) for complete safety information.