

# STUD GRADE ADHESIVE



Product Code: D66

## Curing Properties

Handling Cure Time	<b>10 minutes</b>
Functional Cure Time	<b>1 - 3 hours</b>
Full Cure Time	<b>24 hours</b>
Breakaway Torque	<b>28 N.m; 230 lb.in</b>



## Key Benefits

- ✓ High Strength
- ✓ Heat Resistant
- ✓ Anti-Vibration
- ✓ Chemical and Oil Resistant
- ✓ Corrosion and Leakage Prevention

## Product Overview

Delta 66 is a fast-curing, high-strength anaerobic threadlocking compound designed for bonding and sealing threaded assemblies and retaining cylindrical components. It provides excellent resistance to heat, vibration, water, oils, gases, hydrocarbons, and a wide range of industrial chemicals. The formulation delivers permanent locking performance for demanding mechanical applications.

## Technical Properties

COMPOSITION	<b>Methacrylate Ester</b>
COLOUR	<b>Red</b>
VISCOSITY	<b>500 cps at 25°C</b>
SPECIFIC GRAVITY	<b>1.11</b>
MAX THREAD SIZE	<b>&gt;100°C</b>
TEMPERATURE RANGE	<b>-55°C to 150°C</b>

Storage: Store below 25°C • Safety: See SDS for full details • [www.delta-adhesives.co.uk](http://www.delta-adhesives.co.uk)

- ✓ Fasteners about 1" in diameter
- ✓ Applications requiring permanent locking
- ✓ Vibrating machinery or moving components
- ✓ Transmission block studs

## Chemical Resistance

CHEMICAL	TEMP	500 HOURS	1000 HOURS
Aceton	22°C	95%	90%
Ethanol	22°C	100%	100%
Motor Oil (125°C)	125°C	95%	95%
Gasoline	22°C	100%	100%
Break Fluid	22°C	100%	100%
Water/Glycol (87°C)	87°C	90%	80%

## Instructions of Use

- 1. Prepare surfaces** - Ensure all parts are clean, dry, and free from oil, grease, or other contaminants before application.
- 2. Apply adhesive:** Apply Delta 66 directly to the threads in sufficient quantity to fill the gaps. The product performs best in thin bond lines.
- 2. Assemble components** - Assemble and tighten parts as required. The formulation provides controlled friction and consistent torque/tension during assembly.

## Storage

Anaerobic adhesives shall be ideally stored in a cool, dry place in unopened containers at a room temperature between 5 °C and 25 °C. Please do not return any unused material in its original container.

## Health & Safety

- Classification: Xi irritant
- Keep out of reach of children
- Keep away from face and eyes
- Shelf Life: 2 Years

## LEGAL NOTE

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Delta Adhesives Limited accepts no liability arising out of the use of this information or the products described herein.