香港九龍灣常悅道 20 號環球工商大廈 10 樓 9 室 Room 9, 10/F. International Plaza, 20 Sheung Yuet Road, Kowloon Bay, H.K. Tel: 852-2751 8880 Fax: 852-2795 1625 Web Site: www.uea.com.hk E-mail: info@uea.com.hk

TECHNICAL DATA SHEET

2421-50

Description 2421-50 is a single component anaerobic adhesive with high

bonding strength on metal surfaces without air.

Application Ideal for bonding to prevent loosening and leakage of pump

or motor.

Full Cure Speed Steel : 22 - 24 hours

Brass : 22 - 24 hours Zinc Dichromate : 18 - 24 hours

(The test was determined according to ISO 10964 on M10 steel

bolts and nuts)

General Properties

Uncured monomer

Main Component Dimethacrylate Ester

Appearance Opaque Red, Fluorescent liquid

Specific gravity, 25°C 1.10

Viscosity 25°C (CPS)

Brookfield LV 400 - 600 CPS

Spindle 1 @ 10 rpm

Flash point >90°C

Shelf life $(20^{\circ}C)$ months 12

(Stored at 8 - 28°C & out of direct sunlight)

Typical Properties of Cured Material

Strength on M10 steel bolts & nuts

@22°C (0.05mm) 12 hours

Breakaway torque, ISO-10964, N.m 8-16 Prevail torque, ISO-10964, N.m 3-7

Storage Best to store in a cool and dry location with containers

being sealed at temperature from 8 - 28°C

Direction for use For best performance, surface should be clean and free

of grease. Product should be applied to the bolt in sufficient quantity to fill the engaged threads. The

best bond gap is 0.05mm.

General Information This product is not recommended for use in pure oxygen

and / or oxygen rich systems and should not be used as a sealant for chlorine or other strong oxidizing

materials.

A.A.-2421-50-E - 1 -

^{**} All the information is provided on the basic in good faith, and is believed to be trustworthy but is for reference only. Adhesion is very complicated and the result of it is much dependent on the surface material, additives, releasing agents of the substrates and user's methods. UEA and its agents, dealers, distributors, directors and employees cannot accept any liability for the results whatsoever arising from the use of UEA's products due that the utilization of these products is simply out of UEA's control. The users are responsible for selecting the suitability of the products and methods of use.