



BELZONA® 1221

S U P E R E - M E T A L

A Revolution in High Speed Emergency Repairs

Epoxy-mercaptan systems, recognized by their distinctive odor, were developed in the 1970s and became an almost universal solution for emergency repairs. These epoxy-mercaptan systems were successful in reducing maintenance budgets and in keeping the wheels of industry turning, in spite of their distinctive pungent odor, "in-can" skinning problems and limited resistance to water immersion.

But now, new technology has been used to develop an emergency repair material for the 1990s and beyond. Belzona® 1221 is a breakthrough polymer-based system which provides a superior alternative to conventional repair compounds. Based on technology that was previously available only to the aerospace industry and those at the forefront of motor vehicle design, Belzona® 1221 combines outstanding performance, better adhesion, greater resistance to heat and moisture, and no objectionable odors.

With reduced downtime, and a broader range of applications, Belzona® 1221 surpasses all other emergency repair solutions.



REBUILD SCORED RAMS



REFORM STRIPPED THREADS



SEAL LEAKING TANKS



SEAL SPLIT DUCTING



RESEAT BEARINGS



SECURE PLASTIC JOINTS

The Unconventional Alternative.

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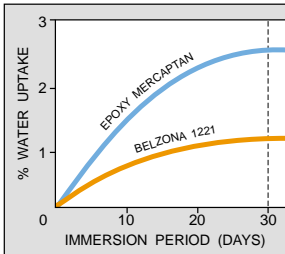
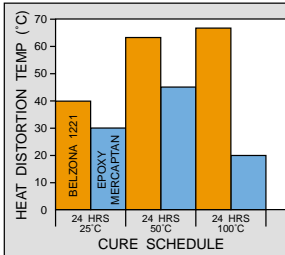
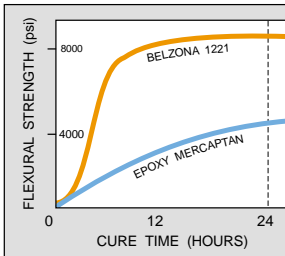
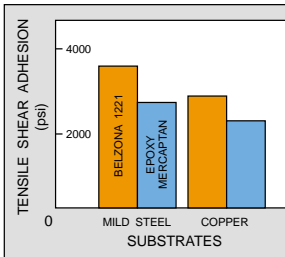


BELZONA[®] 1221

S U P E R E - M E T A L



BELZONA[®] 1000 SERIES METALLIC POLYMERS



Increased Safety Factors

The ultimate adhesion achieved with Belzona[®] 1221 far surpasses that achieved with conventional epoxy-mercaptan repair compounds.

Safety in Use

Suitable for contact with potable water. Certified to ANSI/NSF Standard 61.

Reduced Down Time

The unique curing mechanism used in Belzona[®] 1221 produces maximum strength in minimum time as demonstrated by its development of flexural strength.

A Greater Field of Use

Belzona[®] 1221 exhibits higher heat resistance than epoxy-mercaptans and actually improves when exposed to heat, whereas epoxy-mercaptan systems show irreversible degradation at just 212°F (100°C).

Better Resistance to Moisture

Epoxy-mercaptan systems absorb water quickly and eventually become softened in immersion conditions. Belzona[®] 1221 absorbs water very slowly and does not soften on immersion.

User Friendly Application

Belzona[®] 1221 has no objectionable odor.

Easier Mixing

Utilization of low viscosity resins makes mixing easy, particularly at low temperatures.

One Step Application

Belzona[®] 1221 stays put at thicknesses of up to one inch.

Plus New Creative Packaging

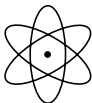
Specially developed, impervious, multi-layer metal polymer sachets ensure Belzona[®] 1221 does not deteriorate or skin over during storage. The optimized unit size has been carefully determined to suit all typical applications and allows small quantities to be mixed easily.



BS EN ISO 9002 - 1994
Certificate No. Q/09335



Certified to
ANSI/NSF Standard 61



Nuclear Industry DBA
Approval in accordance with
ASTM D 3911



Certificate No: 95-HU9719-X

