CS 5530 High Temperature Low Density Sealant

PRODUCT DESCRIPTION meets AMS 3281

CS 5530 can be used in applications where temperatures of up to 360 deg. F are encountered.

CS 5530 is a two part, high temperature resistant fuel tank and fuselage sealant based on Permapol P-5 polymers, an improved chemical modification of Thiokol LP* polymers. Permapol P-5 polymers are covered under U.S. Patent 4,623,711. When cured CS 5530 is a flexible, resilient rubber, which has excellent adhesion to aluminum, magnesium, titanium, steel and other materials.

SURFACE PREPARATION

To obtain good adhesion, all traces of oil, wax, grease, dirt or other contamination must be removed. Wiping with a clean oil free solvent (Mil-C-38736 or MEK/Toluene) and cleaning a small area at a time and wiping the cleaned area with a clean rag before the solvent evaporates is usually sufficient. Maintain a clean solvent supply by pouring the solvent on the washing cloth. CS 5530 will adhere to most substrates, providing the area to be sealed is clean and dry.

*MIXING INSTRUCTIONS

Do not thin CS 5530 with solvents when mixing pre-measured kits. The entire amount of the Part A and Part B should be used. Thoroughly mix Part B in its container until a smooth paste is obtained. For mixing bulk materials, or small quantities, stir into 100 parts of Part A 10 part of Part B, by weight. Mix thoroughly for seven to ten minutes to obtain an even, streakless, uniform gray color. Scrape the sides and bottom of the mixing container and also scrape down the mixing tool several times to insure proper mixing. When using a mechanical mixer, use low speeds since a high-speed mixer will generate internal heat thereby reducing the application life. Violent stirring also entraps air in the mixed CS 5530.

APPLICATION

CS 5530 Class B may be applied with a pressure gun or spatula.

STORAGE LIFE

The storage life of CS 5530 is one-year minimum when stored at temperatures below 80 F in the original unopened containers. Some change in application life, viscosity and curing rate may occur during this period; however, such changes are slight and in no way affect the end performance of the product.
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CLEANING OF EQUIPMENT
For clean up during use, and also to remove partially cured CS 5530 use CS 9900 cleaner. Cured CS 5530 will require a soaking period in epoxy polysulfide stripper.

SAFETY
The uncured combined components may produce irritation following the contact with the skin. When handling CS 5530 avoid ingestion and all contact with the body especially open breaks in the skin. Always wash hands before eating or smoking. Obtain medical attention in case of extreme exposure or ingestion. For additional information see the Material Safety Data Sheet.

PACKAGING
CS 5530 is packaged in the following kit sizes:
- 24 ea. per case 2 1/2 oz. and 6 oz. cartridges
- 12 ea. per case Pint Kit
- 12 ea. per case Quart Kit
- 4 ea. per case Gallon Kit

CS 5530 is also available in 5-Gallon and 50 Gallon Drum Kits.

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