

NSL1428-B1/2 Access Door Sealant

Product Description:

NSL1428-B1/2 is an access door sealant for integral fuel tanks and pressurized cabins, as a strippable fillet, and as a gasket for removable parts.

NSL1428-B1/2 is a two-part polysulfide base compound designed to access areas where easy separation of joint surfaces is required. The NSL 1428-B1/2 material cures at room temperature to a flexible, resilient rubber.

When mixed NSL1428-B1/2 is a thixotropic red paste that will not flow with a mixed application life of 1/2 hour.

Product Features:

- Low adhesion and forms a fuel resistant gasket that molds itself to fill all irregularities between two surfaces.
- Designed to be resistant to aircraft fuels, lubricant, oils, water and weather.
- Service temperature range -65°F(-54°C) to 225°F(107°C).
- Suitable for application by extrusion gun or spatula.

Heat Accelerated Curing:

Increased temperature and relative humidity will reduce work life and speed up the cure. Reduced temperature and relative humidity will extend work life and slow the cure.

Replacement For:

PR-1428 Class B. Tested and conforms to requirements of AMS3277, BMS5-37, MIL-S-8784.

Packaging:

Available 2½ and 6 oz. cartridges. Pint, Quart and Gallon Kits. Other size packaging available upon request.

Shelf-life:

Sealed containers 12 months when stored below 80°F. Slight changes in work life, viscosity and curing rate may occur but will not affect end performance of the product.

Typical Properties:

UNCURED

Color: Mixed	Red
Mixing Ratio: (by weight)	100:10
Non Volatile Content	98%
Specific Gravity	1.33
Consistency	Paste
Working time, hrs. @ R.T. ¹	1/2
Tack Free Time, hrs. @ R.T. ¹	<6
Time to 20 Shore A	10 hr.

CURED – ROOM TEMPERATURE

Cured – 7 days @ R.T.¹

Tensile Strength, PSI	200
Elongation, %	400
Durometer, Shore A	20
Peel Strength Alum, PPI	1
Adhesion to other materials	Very Low

Fungus Resistance Non-nutrient

¹ Conditions 77°F and 50% R.H.

General Instruction Sheet for NSL1428 Class B Materials

SURFACE PREPARATION:

To obtain good adhesion, all traces of oil, wax, grease, dirt or other contamination must be removed. Wiping the surface to be sealed with a clean oil free solvent, such as MIL-C-38736, MEK, Toluene or the like, and cleaning and wiping, with a clean cloth, a small area at a time before the solvent evaporates is usually sufficient. Maintain a clean solvent supply by pouring the solvent on the washing cloth. This material will adhere to most substrates, provided the area to be sealed is clean and dry.

MIXING INSTRUCTIONS:

Do not thin this material with solvents when mixing pre-measured kits. The entire amount of the Part A and Part B material should be used. Thoroughly mix Part B in its container until a smooth paste is obtained. Accelerator, Part B, and base, Part A, are carefully matched in production for optimum performance characteristics. Care should be taken to assure that the accelerator packaged with the given base are used as supplied. For mixing bulk materials or smaller quantities, stir into 100 parts of Part A, 10 parts of Part B, by weight. Mix thoroughly for (7) seven to (10) ten minutes to obtain an even, streakless, uniform color. Scrape the sides and bottom of the mixing container and also the mixing tool several times to insure proper mixing. When using a mechanical mixer, use low speeds to avoid generating additional heat, thereby reducing the application life. Violent stirring or high speed mixing may also entrap air in the mixed material.

CLEANING OF EQUIPMENT:

Tools and equipment may be cleaned prior to cure by using Methylene Chloride. Cured sealant may be removed by soaking in a Methylene Chloride Base stripper.

SAFETY:

The uncured combined components may produce irritation following the contact with skin. When handling this material avoid ingestion and all contact with the body, especially open breaks or cuts 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 (MSDS). For industrial use only. KEEP OF REACH OF CHILDREN.

FAA PMA Approved Product

Approved Eligibility for ALL Boeing, Cessna, Rolls Royce, Bombardier and
Northrop equipment
when used per the Airworthiness Approvals for these Models

DISCLAIMER:

All recommendations, statements and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his/her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his/her use of the product. Sellers and manufacturers sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from the use of, or inability to use the product. Recommendations of statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.