



ADH 727

**ANAEROBIC ADHESIVE
FOR SEALING THREADED FITTINGS**

Sealing of metallic threaded fittings (up to 80mm)



Nonfood Compounds
Program Listed: S2
Registration Number: 165660



7 good reasons for using ADH 727

1. ADH 727 is an **anaerobic** mono-component adhesive.
2. ADH 727 **cures** in the absence of air, between two metal surfaces with thin bond gaps.
3. Allows a **sealing** and a resistance to the burst **pressure** of the connection after full curing.
4. No risk of clogging the **pipes**.
5. **Resists** to vibrations and temperature variations.
6. Is an effective **substitute of** oakum and Teflon* tapes (trademark Dupont de Nemours).
7. Possible **orientation** of fittings without risk of leak (possible to back off 1/4 turn during 10 mn). Can be dismantled with the classic tooling.

Particularly suitable for use in



Industry

Function	For use on	Specific properties
SEALING OF METALLIC THREADED FITTINGS	Hydraulic, pneumatic, water, gas and all automobile fluid fittings	Seal immediately up to 30 bars (up to 80 mm)

Characteristics	Instructions for use
Chemical base: dimethacrylate Colour: yellow-orange Viscosity(Cone/plate) : 70.000 to 120.000 mPas (0,5s ⁻¹ , 20°C) Density (g/cm ³): 1.04 Fluorescent: no Shelf life in unopened original container: 12 months Curing rate: rapid Setting time on M10 brass bolt/nut (seconds) : 20-60 Max gapfilling capacity (mm) : 0.10 - 0.40 Completely cured after (hours): 24 Breakaway torque according to DIN 54454 standard on steel (Nm): 10 to 20 Shear strenght on steel pin/collar specimen after 24h (N/mm ²): 10- 20 Temperature range: -50°C/+150°C 75g accordion bottle For more information, see MSDS.	Ready to use. Apply enough adhesive (on dry and clean and dry surfaces) to fill the gaps completely. Once the resin has cured, pressure can be applied.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

GB07012022

7+

BD10 : Multi-purposes plant-based

This datasheet supersedes previous documents. The information contained in these data sheets is based on our present knowledge and experience and is given as indication only. Under no circumstances does it engage our responsibility in the event of misuse of our products. Non contractual photos and images.



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January 18, 2022

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RE: ADH 727
Category Code: S2
NSF Registration No. 165660

NSF has processed the application for Registration of **ADH 727** to the *NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds* (2021), which are available upon request by contacting NonFood@nsf.org. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements including FDA 21 CFR for appropriate use, ingredient and labeling review.

This product is acceptable for use as a sealant (S2) in and around food processing areas. This product must only be used in a manner as to ensure it will have neither direct nor indirect contact with food or potable water. Use must also be consistent with the manufacturer's directions and warnings.

NSF Registration of this product is current when the NSF Registration Mark and Category Code appear on the NSF-approved product label, and the Registered product name is included in the current NSF White Book Listing of Nonfood Compounds at the NSF website (www.nsfwhitebook.org).

NSF Listing of all Registered Nonfood compounds by NSF International is not an endorsement of those compounds, or of any performance or efficacy claims made by the manufacturer.

Registration status may be verified at any time via the NSF website, at www.nsfwhitebook.org. Please note the letter date reflects most recent product review. NSF utilizes annual verification to ensure no changes have been made to a registered product. Changes in formulation or label, without the prior written consent of NSF, will void Registration, and will supersede the on-line listing. Please contact your NSF Account Manager or nonfood@nsf.org if you have any questions or concerns pertaining to this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Orsolya Dezsi".

Orsolya Dezsi
NSF NonFood Compound Registration Program
Company No: C0268676