

PRODUCT INFORMATION

B-530

ADHERE PRESSURE SENSITIVE ADHESIVE

Type:

Pressure sensitive
adhesive

Physical Form:

Liquid

Special Properties:

Moisture resistant
Temperature resistant
Adheres to many surfaces

Primary Use:

Adhering devices to the
Body

PRODUCT FEATURES

B-530 is a pressure sensitive silicone adhesive (PSA) in a proprietary non-flammable solvent (NFS) base. It is a single component specifically designed for adhering prosthetic and other medical devices to dry body surfaces. It is supplied as a 23% silicone adhesive solution which evaporates quickly.

When properly applied and bonded, adhesive qualities are retained in the presence of moisture or perspiration. Adhesive properties are temperature resistant. Provides adhesion to many surfaces for prolonged periods.

DETAILS

- Non-flammable
- Non-conductive
- Latex-free
- Low-toxicity
- Low-Global Warning Potential (GWP)
- Zero ozone depleting potential
- Low toxicity

The characteristics of the solvent make this an ideal replacement for ozone depleting, chlorinated solvents and n-propyl bromide in many applications.

APPLICATIONS

- Attaching appliances to the skin for patient monitoring
- Affixing surgical dressings and pads to the skin
- Adhering external prosthetic devices and appliances to the skin
- Hairpiece adhesion

INSTRUCTIONS FOR USE

B-530 silicone adhesive may be used where a non-sensitizing adhesive is needed to adhere devices to the body. For maximum adhesion, the adhesive should be applied liberally to clean substrates and the solvent allowed to fully evaporate before contact with the skin is made.

B-530 is only recommended for use on silicone appliances and should not be applied directly to tissue. Allow the solvent to fully evaporate for best results. B-530 is not intended for use on skin with any type of compromised issues. Only apply the appliance(s) after the solvent has fully evaporated and only to healthy tissue.

TOXICOLOGICAL and BIOCOMPATABILITY INFORMATION

This material was designed to pass USP Class VI. This product is manufactured under GMP guidelines CFR, Part 820. Users must carefully review literature for uses where adverse effects are reported for certain applications of silicone in medical devices. The user of this material must independently determine that any product incorporating this material is safe and effective for their use. This product is a non-flammable low boiling liquid.

This product is based on polydimethyl siloxane compounds known for low toxicity and skin irritation properties. A sample of the material has been tested for primary skin irritation and was found to be non-irritating.

| Parameters | Spec | Typical |
|--|--------|-----------|
| % solids measured (10mins 150C), % | 23-25% | 23.5±1.5% |
| Viscosity, cP (Brookfield LVT viscometer, #2 spindle @ 60 RPM) | 50-200 | 150±17 |
| Peel strength, lb/in | >1.5 | 3.5±0.95 |

PATENT WARNING:

Factor II Technology disclaims any expressed or implied warranty against the infringement of any patent. Factor II does not warrant that the use or sale of the products described herein will not infringe the claims of any U.S. patents or other country's patents covering the product itself or the use in combination with other products or in the operation of any process.

WARNINGS ABOUT PRODUCT SAFETY:

Factor II technology believes that the information and data contained herein is accurate and reliable; however, it is the user's responsibility to determine suitability and safety of use for these materials. Factor II cannot know the specific requirements of each application and hereby makes the user aware that it has not tested or determined that these materials are suitable or safe for any application. It is the user's responsibility to adequately test and determine the safety and suitability for their application. Factor II makes no warranty concerning fitness for any use or purpose. There has been no testing done by Factor II to establish safety of use in any medical application. Factor II has tested this material only to determine if the product meets the applicable specification. When considering the use a Factor II product in a particular application, you should review the latest Material Safety Data Sheets and contact Factor II for any questions about product safety information you may have.

IT IS RECOMMENDED THAT THE PURCHASER THOROUGHLY TEST ANY APPLICATION PRIOR TO FULL SCALE PRODUCTION OR COMMERCIALIZATION. INFORMATION CONTAINED IN THIS TECHNICAL PROFILE SHOULD NOT BE TAKEN AS INDUCEMENT TO FRINGE ANY PATENT. FACTOR II WARRANTS ONLY THAT ITS PRODUCTS MEET ITS SPECIFICATIONS. THERE IS NO WARRANTY OF MERCHANTABILITY OF FITNESS FOR USE OR ANY OTHER WARRANTIES EXPRESS OR IMPLIED. FACTOR II MAKES NO GUARANTEE OF SATISFACTORY RESULTS

DISCLAIMER / STATEMENT OF LIABILITY:

This is to certify that the above designated material has been tested and did comply with the listed specifications (with listed exceptions) when supplied in original container. The material is subject to the conditions listed on the invoice. The above is a copy of information on file. The lot acceptance data are available for examination. This is a computer-generated document that is valid without a signature. The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor is beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies with the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document. Factor II is a distributor of this product not the manufacture. Factor II will warrant this product 6-months from the ship date, some restrictions apply.



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

ONLINE ORDERING: www.factor2.com

800.332.8688 or 928.537.8387

PO Box 1339 • 5642 White Mountain Ave • Lakeside, AZ • 85929

email: sales@factor2.com