

## Adhere PSA B-522

Medical adhesive (previous 40086)

### ADHERE PRESSURE SENSITIVE ADHESIVE

#### PRODUCT FEATURES:

Pressure Sensitive Silicone Adhesive (PSA) in Pentafluoropropane is a single component Medical Adhesive for medical bonding of appliances to metal, glass, fabric, silicone and organic rubbers and dry body surfaces. It contains an HCFC nonflammable solvent and is supplied as a 18% silicone adhesive solution which evaporates quickly.

#### INSTRUCTIONS FOR USE:

PSA is ready to use and can be applied by brushing, spray, dipping or pouring. A thin layer, 1-10 mils, is usually sufficient to achieve a good bond. For best results, apply PSA to both substrates, allow to air dry a few minutes, and then press the two coated surfaces together. When required, the solution can be diluted with aliphatic, aromatic or chlorinated solvents. Solvent addition may irritate skin upon application. A preferred low toxicity solvent is hexamethyldisiloxane or dichloropentafluoropropane. Due to environmental friendliness, low toxicity, irritation and sensitization properties, hexamethyldisiloxane is suggested to remove the dry PSA from skin. The dry PSA can also be removed by scrubbing with isopropyl alcohol then clean with warm soap and water.

#### TOXICOLOGICAL and BIOCOMPATABILITY INFORMATION:

This material was designed to pass USP Class VI A sample from each lot manufactured is subjected to an MEM Tissue Culture Cytotoxicity test. 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. PSA in pentafluoropropane is a non-flammable low boiling liquid. PSA in Pentafluoropropane 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.

#### STORAGE AND SHELF LIFE:

This material should be stored under cool and dry conditions. Unused containers should be kept tightly closed to prevent evaporation. Factor II warrants that this product shall meet applicable specifications and descriptions for a period of one year from date of manufacture when stored in the original sealed container below 30°C.

**TYPICAL PROPERTIES:**

<b>PROPERTY</b>	<b>VALUE</b>	<b>METHOD</b>
Solids Content	18%	5g, 15°C-10 minutes
Appearance	Clear to Straw Liquid	Visual
Viscosity	75cps	Brookfield viscometer
Flash Point	None	Closed Cup

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