CLAIMS

1. Method for producing a drug delivery device, which has a body comprising a siloxane-based elastomer and at least one active agent, the method comprising applying adhesive material, which comprises non-cured siloxane based elastomer, into a contact with the body and curing the said adhesive material by subjecting it to radiation energy from a laser source.

2. Method according to claim 1, **characterized** in producing the drug delivery device by
- obtaining an elongated body,
- forming the elongated body into a ring-like form by bringing its first end and the second end into close vicinity of each other,
- arranging adhesive material between the first end and second end of the body, and
- curing the adhesive material by subjecting it to radiation energy from the laser source and attaching the ends irrevocably together.

3. Method according to claim 1 or 2, **characterized** in forming the body of the device by applying adhesive material between a first siloxane-based elastomer body part and a second siloxane-based elastomer body part for forming or obtaining the body of the drug delivery device, whereby the adhesive agent forms an immediate connection between the first body part and the second body part, and attaches them irrevocably together after curing.

4. Method according to claim 1 or 3, **characterized** in applying adhesive material on at least one distal end of the body of the drug delivery device and sealing the distal end by curing the adhesive material.

5. Method according to any of claims 1 – 4, **characterized** in
- providing at least one cavity into the body of drug delivery device,
- inserting material comprising an active agent into the cavity,
- applying adhesive material on the cavity, and

- sealing the cavity by curing the adhesive material by radiation energy from the laser source.

6. Method according to any of claims 1 to 5, **characterized** in increasing the temperature in the adhesive material to be cured to a temperature of at least 150 °C, preferably at least 200 °C with the radiation energy from the laser source.

7. Method according any of the preceding claims 1 to 5, **characterized** in applying the adhesive agent in amount that provides a connection with a width in the range of 0.1 – 15 mm, preferably 0.5 – 10 mm, more preferably 0.5 – 1.5 mm.

8. Method according any of the preceding claims 1 to 7, **characterized** in using adhesive material, which is the siloxane-based elastomer used for the body of the drug delivery device.

9. Method according any of the preceding claims 1 to 8, **characterized** in using adhesive material, which comprises a peroxide initiator, which forms radicals when subjected to radiation energy from the laser source.