

BID LIST NO. 0775

SPECIFICATION FOR SPRAY, SILICONE

PROPERTY NO. 178756

GENERAL REQUIREMENTS

The material is used for lubricating metal parts as well as tables and stands on which books slide in binding operations. Consequently, the silicone should not stain any parts of the binding materials with which it comes into contact. The spray pattern should be fan shaped leaving a uniform, thin coating. The silicone coating should be durable but should not discolor. The solvent should evaporate rapidly.

SPECIFIC CHARACTERISTICS

Solid contents @ 105°C (221°F)	4.0% min.
Non-volatile portion of solids @ 202°C (400°F)	90.0% min.

The product shall contain no fluorocarbons.

The material shall be a non-flammable aerosol product.

SAMPLE REQUIREMENT: one can

QUALIFIED PRODUCTS LIST:

- Quest Chemical Corp. SiliLube
- Sprayway #77 Silicone Spray
- Crown Silicone Spray Formulation 138087AM
- Quik Slip Silicone Spray #525A
- Ambersil Formula Six

TEST METHODS

SOLID CONTENTS: Weigh can. Spray into pre-weighed tall form beaker for 15 - 20 seconds. Reweigh can. Evaporate on steam table, then dry at 105°C to constant weight.

$$\% \text{ solids} = \frac{\text{weight of residue}}{\text{Weight loss of can}} \times 100$$

NON-VOLATILES: Weigh out a portion of the residue from the test above (solid contents) into an aluminum dish. Heat in an oven at 202°C for 3 hours. Calculate % non-volatilize based on weight loss.

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