LAUR SILICONE

LAUR 102 SILICONE RUBBER DISPERSION

Type, ASTM D 1418 .....VMQ
Brittle Point, ASTM D 2137-A ..... -73˚C (-100 ˚F)
SPECIAL PROPERTIES: Ready to use; peelable; long pot life; cures to a water clear, tough coating. A frosted coating may be achieved by introducing steam during the solvent drying step.

PRIMARY USES: The material is specifically designed for coating glass items to make them shatter-resistant, particularly incandescent lamps. Items properly coated with this material will resist spraying glass splinters if broken and are ideal for use in food processing plants, hospitals, schools, recreation centers, etc. The coating is useful over a temperature range of -70 ˚C to 250 ˚C (-94 ˚F to 482 ˚F).

TYPICAL PROPERTIES: (Not intended for use in preparing specifications)

AS SUPPLIED:

Color	Milky
Percent Solids	25 %
Vehicle	BUTYL ACETATE
Viscosity, Brookfield LVT, Spindle # 4 at 6 RPM	8,100 cps

AS CURED: (1 hour at 177 ˚C)

Durometer, Shore A-2	55
Tensile Strength, psi	1400
Elongation, %	800
Tear Strength, Die B, pi	200

HOW TO USE:
Laur 102 Silicone Rubber Dispersion is fully compounded and is ready to use. It can be thinned with hydrocarbon solvents. The viscosity may change in storage. After the coating is applied, it should be allowed to air dry to remove solvents. A mild oven bake can be used to speed solvent removal. After solvent removal, the material will cure in 20 minutes at
350 ˚F (177 ˚C).

CAUTION:
Laur 102 contains Butyl Acetate, and should be used only with adequate ventilation. Avoid prolonged breathing of vapor and skin contact.

Vapors form explosive mixtures with air. Keep away from heat, sparks, flame, pilot lights, and other sources of ignition.

POT LIFE:
Pot Life will vary from a few days to several weeks and is primarily dependent on the amount of solvent loss through evaporation. Dip tanks and containers should be kept covered when not in use. Solvent lost through evaporation should be replaced as needed. The curing system in Laur 102 is very sensitive to some materials such as sulfur and amine compounds. Even trace amounts of these materials may greatly slow or completely kill the cure system. All equipment used to process the Laur 102 should be clean and free of contamination.

SHIPPING LIMITATIONS:
Classification - Flammable Liquid n.o.s., UN 1123. Flash point 64 ˚F TCC.

STORAGE AND SHELF LIFE:
Laur 102 should be stored in a cool dry place. When stored at or below 25 ˚C (77 ˚F) it has a shelf life of (2) two months from date of manufacture. The viscosity may change somewhat in storage.

PACKAGING:
Laur 102 is supplied in 55 gallon drums, 400 pounds net weight.

The information and data contained herein we believe reliable; however it is the responsibility of the user to test any application to determine suitability of the goods with respect to proper usage. Laur Silicone, Inc. warrants that the product shall meet applicable descriptions and specifications, and no other expressed or implied warranties are intended. Laur's sole liability is limited to refund or replacement of goods shown to be otherwise as warranted. Suggestions of uses shall not be interpreted as inducements to infringe an particular patent.