ROMANOFF®
INTERNATIONAL SUPPLY CORPORATION

PRODUCT MANUAL
SKU: 73-052/73-052-5

Romanoff Rosé LMR
Liquid Mold Jewelery Rubber Kit

ROMANOFF LIQUID MOLD RUBBER PART A

THIS IS A MOLD COMPOUND WHICH FORMS AND EXCEPTIONAL RUBBER FOR FLEXIBLE MOLDS. AFTER CURING AT ROOM TEMPERATURE IT REPRODUCES DESIGNS EXACTLY AT 0.0% SHRINKAGE

DIRECTIONS: Mix together **total** contents of Part A with total contents of Part B or **exact equal** parts of each. For example: ½ can of Part A with ½ of Part B. WITH THE ONE (1) POUND KIT IT IS VERY IMPORTANT THAT YOU POUR ALL OF THE LIQUID CATALYST (PART B) INTO THE OTHER CONTAINER (PART A). The reason for this is that **all** of the liquid catalyst will easily pour out of the bottle but the Part A material is much thicker and some of it may remain in the container, therefore reducing the chance of mixing the correct ratio of 100 parts A to 10 Parts B. Mix thoroughly together for at least three minutes. This will insure that **all** of the rubber and catalyst are properly mixed. Vacuum in a **large** bowl to allow the mix to rise. Pour into the mold frame and vacuum again. The mixing of 100 parts A to 10 parts B by weight is critical. A variation of 5% in the weight of either component can effect the physical properties of the cured rubber and an error of 15% can result in a very soft, poorly cured compound. Part A should be weighed into in a clean metal, glass or plastic container, then the appropriate amount of Part B can be weighed into the same container. Do not use wood or paper tools in the mix as they can introduce moisture. While mixing, scrape down the sides of the mixing container several times to ensure **thorough** mixing of both components. Curing in a warm location Up to 150°F (65°C) will greatly accelerate the curing speed while low temperatures slow down the cure. However, it is best to allow the molds to cure slowly over 15-18 hours. Avoid molds in areas where the temperature is below 65°F (18°C).

STORAGE: LMR will remain usable for a least six months from date of shipment in unopened containers. Stored in a cool dry location Cured molds of LMR will slowly soften with age due to ambient moisture in the air. Adequate mixing of components in the proper mix ratio contribute to longer mold life. Storage of molds in a cool, dry area will prolong life, as will reducing contact with moist air by enclosing stored mold in tightly closed plastic bags. Wax or other non-moisture containing forms should be used to maintain shape. With proper care, LMR rubber should not soften appreciably for two to four years. LMR molds should be discarded before they become too soft to handle. Do not store LMR molds outdoors as exposure to sunlight and standing water or ground moisture will cause deterioration of the rubber.

CAUTION: Contains Methylene Diphenyl Isocyanate. At room temperature and with reasonable ventilation vapor concentration is not significant. However, heating or spraying generates a vapor level sufficient to cause lung damage and sensitization by inhalation. MDI is a skin and eye irritant. Flush eyes with water for 15 minutes and seek medical attention. Remove from skin with soap and water.

DISCLAIMER: This product has been tested to assure conformance to certain quality control standards. However, since the manufacturer has no control over actual application, no warranty is expressed or implied regarding the results to be obtained from the use thereof. User must determine

the suitability of this product for the intended application and assume all risk and liability in connection therewith.

1 LB. KIT **10 LBS. KIT** **50 LBS. KIT**

ROMANOFF LIQUID MOLD RUBBER PART B

THIS IS A MOLD COMPOUND WHICH FORMS AND EXCEPTIONAL RUBBER FOR FLEXIBLE MOLDS. AFTER CURING AT ROOM TEMPERATURE IT REPRODUCES DESIGNS EXACTLY AT 0.0% SHRINKAGE

This is formulated isocyanate that reacts with polyois. When combined in the weight ratio 100 parts A to 10 parts B, the mix cures at 25°C (77°F) to produce a very strong elastomer, useful as a flexible mold.
DIRECTIONS: See Part A regarding all instructions.

CAUTION: Contains Methylene Diphenyl Isocyanate. At room temperature and with reasonable ventilation vapor concentration is not significant. However, heating or spraying generates a vapor level sufficient to cause lung damage and sensitization by inhalation. MDI is a skin and eye irritant. Flush eyes with water for 15 minutes and seek medical attention. Remove from skin with soap and water.
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