

LEE S. McDONALD, INC. est. 1976
THE SOURCE FOR THE PAPER ARTS

LIQUID SIZING

Liquid sizing is a water emulsion of an alkyl ketene dimer. Sizing is used to make paper less permeable to water and oil eliminating ink feathering and/or bleed-through. Ours is a neutral pH sizing showing very good archival characteristics. This liquid sizing is normally used as an internal sizing by adding it directly to the wet pulp. In some cases it can be used as a surface sizing by brushing or spraying onto the surface. The more sizing used will make a harder paper with little or no ink spread, less will show more ink bleed.

Use Instructions:

Use at a rate of approx: 8 tsp./lb. of dry pulp. Dissolve the amount you plan to use in a pint of water and add this solution to the last few minutes of the pulps' beating cycle (in a Hollander beater or other mixing device). The sizing should be kept refrigerated but not frozen (above 40° F). It will retain maximum efficiency for at least 9 months. The sizing loses potency after being stored for a long period of time. This does not render it useless, but the amounts used will need to be increased. If you are having problems storing the amount you have purchased, the stock solution should be diluted 10 or 15%, extending the shelf life. You then use correspondingly more sizing solution when adding to the pulp. **Sizing takes time or heat to set properly. It may take more than a week to develop well in the finished paper. A quick test is accomplished by ironing with a medium hot iron.

To use as a surface sizing: brush, dip, or spray onto the paper and remove excess. This is not the manufacturer's recommended use of the product but it does work. Experimentation will be required. You might find that diluting it will give a level of sizing that you require.

Health Hazard Information

No adverse health effects are expected from using this sizing. For more complete information, material safety data sheets are available from us upon request.

Please read for your protection: Warranty information

All information and suggestions in this product handout is only the opinion of Lee S. McDonald Inc. Since each artist has their own personal technique, and other numerous factors are involved, we cannot guarantee that the products will perform to each individuals' satisfaction. Testing of our products should be undertaken by the consumer to determine whether the product meets the intended needs. The user is responsible for final determination of suitability. Lee S. McDonald Inc. makes no warranty of any kind, express or implied, other than that the material conforms to its applicable current Standard Specifications. The responsibility of Lee S. McDonald Inc. for claims arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material or product. We cannot be liable for the occurrence of incidental or consequential damages.

*For more health information contact a physician or your local poison control center.

Data safety sheets on this product are on file; a set of data safety sheets for the products we sell is available for \$20.00. For more information on art hazards and safety, consult the Center for Occupational Hazards, 5 Beekman St. New York, NY 10038.

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Make Paper, Make Art™

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