

# PRODUCT DATA

## LAG-KOTE®

### DESCRIPTION

Product No.: 6424 white

Lag-Kote is a 100% acrylic, high solids encasement/encapsulation coating specifically formulated for application over a variety of asbestos containing materials (ACM). Lag-Kote is an EPA accepted coating for the encasement/encapsulation of ACM. It was tested at Battelle Columbus Laboratories of Columbus, Ohio, under EPA Contract # 08-03-2552-T2005, and found to be acceptable as an encapsulant.

Designed to encase spray-on fireproofing, asbestos-containing plasters and paints, transite, and asbestos-containing thermal insulation, Lag-Kote's viscous formulation minimizes dripping, clean-up and product waste. Lag-Kote provides a smooth, washable, aesthetically-superior finish that will provide years of lasting protection. Lag-Kote has excellent resistance to alkalis and can be applied directly over galvanized metal, wood, masonry or other sound surfaces. UV inhibitors make Lag-Kote suitable for encasement of exterior asbestos containing materials. Lag-Kote yields an opaque, bright white finish, or can be factory tinted to meet specific color requirements. Lag-Kote is water-based and non-toxic.

### APPLICATION INFORMATION

**FIREPROOFING, TRANSITE BOARD, ASBESTOS-CONTAINING PLASTER & PAINT:** Lag-Kote is a superior encasement coating for the encapsulation of a variety of hard, cementitious substrates which contain asbestos. Lag-Kote may be applied by brush, roller or airless sprayer. The 100% acrylic formulation and small particle size ensures easy application in most grades of professional spray equipment without clogging or excessive wear on spray tips. The high viscosity of Lag-Kote also permits use as a palm-grade encasement product for application by painter's mitt. The bright white finish improves the appearance of virtually any substrate. Lag-Kote's excellent resistance to UV exposure makes it highly suitable for the encasement of exterior transite siding and asbestos-fortified paint systems.

**INSULATION:** Lag-Kote is the third and most vital component of the Lag-Kit® System for thermal insulation repair. Areas where the insulation or covering are dilapidated or torn must be repaired with Lag-Kap® and Lag-Kloth® prior to the application of Lag-Kote. Apply each component of the Lag-Kit System to insure complete asbestos encapsulation and to improve the integrity and insulation properties of the existing asbestos containing thermal insulation. The highly viscous formulation of Lag-Kote makes it easy to bridge seams in lagging materials in one brush application.

### PROPERTIES

- Solids by Weight: 48 +/-2%
- Volatile: Water
- Average particle size: 0.2 microns
- Viscosity @ 77°F: 120-130 Krebs Units
- Weight per gallon @ 77°F: 11.7 lbs.
- Film Hardness: Excellent
- Film Flexibility: Excellent
- Impact Resistance: Excellent
- Water resistance of dry film: Excellent
- Bond Strength to concrete/steel: Excellent
- Coverage:
  - Brush: 125-175 sq.ft./gal. (5 dry mils)
  - Airless Spray: 600 sq.ft./gal. (1 dry mil)
- Fire Rating ASTM E84-81a: Class "A"  
(Southwest Research Institute)
  - Flame Spread: 5
  - Fuel Contribution: 0
  - Smoke Density: 0
- Dry Time 1 - 2 hours
- Shelf Life: @ 77°F, 36 months minimum, (in original factory sealed containers)
- Odor: Applied indoors, virtually odorless
- Finish: Slight gloss
- Color: Bright White
- Packaged: 5 and 55 gallon containers



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# APPLICATION PROCEDURES FOR LAG-KOTE

## PREPARATION

To prepare the surface for application of Lag-Kote, thoroughly remove all dust and dirt or other surface contamination. Surface contaminants may interfere with the adhesion of Lag-Kote. Use an approved HEPA (High Efficiency Particulate Air) vacuum, or wipe surfaces with a damp cloth to remove particulate matter. To avoid increased asbestos exposure, do not air-clean surface. Prior to application, stir thoroughly to achieve a uniform consistency. Lag-Kote may be diluted by adding up to 10% water. Apply in 1-2 coats to desired wet film thickness. Minimum film thickness may vary with desired results and type of application.

## APPLICATION EQUIPMENT

Select a brush, roller or painter's mitt for convenient product application. Professional models of all brands of spray equipment can be used to successfully apply Lag-Kote. Use the settings below when applying Lag-Kote by airless spray:

Pressure: 3000 psi  
Hose length: 50 feet  
Hose diameter: 1/4 inch  
Tip size: .017 - .023 (orifice size)  
Fan size: 12 inches

## CLEAN UP

Tools and drippings should be cleaned with soap and water before coating dries.

## SHIPPING AND STORAGE INFORMATION

Shelf Life: 3 years in sealed containers

Storage Temperature: Keep from freezing. Store in a dry place at temperatures between 40°F - 100°F

Flash Point: None.

**KEEP OUT OF REACH OF CHILDREN  
FOR PROFESSIONAL USE ONLY  
KEEP FROM FREEZING**

Cautions: Approved respirators must be used to prevent inhalation of asbestos fibers that may be present in the air. Protective clothing should be worn. Tools and drippings should be cleaned immediately with clean, soapy water before the coating dries. Careful consideration should be given to all Environmental Protection Agency (EPA), OSHA and state regulations in effect at the time of application of Lag-Kote. The EPA, through the Office of Pesticides and Toxic Substances has issued reports headed "Guidance for Controlling Friable Asbestos-Containing Materials in Buildings," EPA 560/5 85-024, June 1985, and "Managing Asbestos in Place, A Building Owner's Guide to Operations and Maintenance Programs for Asbestos Containing Materials," 20T-2003, July 1990, containing the proper data, cautions, and procedures for asbestos control. Copies are available from the Environmental Assistance Division, TS-799, TSCA Assistance Information Service, U.S. EPA, 401 M Street SW, Washington, DC 20460, (202) 554-1404.

Keep from freezing. Do not store at temperatures above 100°F.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Fiberlock Technologies, Inc., nor our agents shall be responsible for the use or results of use of this product or any procedures or apparatus mentioned. We recommend that the prospective user determine the suitability of Lag-Kote for each specific project and for the health and safety of personnel working in the area.