



FIRE RETARDANT
**LEATHER
 SEAL C™
 CONCENTRATE**

PRODUCT DATA SHEET

Leather Seal C™ Concentrate (LS-C) is an application ready, water based fire retardant designed for treatment leather and leather products. Leather Seal C™ is mix of proprietary ingredients, which forms a carbon char when the treated leather is exposed to fire. Once the carbon char is formed there will be minimal flame propagation, smoke evolution or afterglow.

APPLICATION

Leather Seal C™ is a highly versatile product that can be added to many phases of leather production. The product can be used in both the Wet End and Finishing. Once the leather is properly treated it will meet FAR 25.853A requirements for a 12 or 60 second vertical burn.

In the Wet End, Leather Seal C™ may be added at several stages of the re-tan process. The dosage of LS-C varies based on the type of leather being process and the testing requirements. However, initial offer should be undertaken at 40%.

In the finishing application Leather Seal C™ can be sprayed on the flesh side at a rate of 30gms/ft² and piled grain-to-grain overnight. The product can also be added in a dry mill at a rate of 30gms/ft² by adding in 5 equal feeds. The application can be repeated if necessary. Details of these applications can be furnished upon request.

PACKAGING AND HANDLING

Leather Seal C™ is a liquid available in various packaging sizes from 1 gallon to bulk containers.

Refer to SDS for proper handling.

TYPICAL ANALYSIS

Total Solids	26 - 29%
Weight per Gallon	9.6 - 9.9 lbs
Specific Gravity	1.16 - 1.19
ph	2.5 - 3.5

Product contains no PBDE's (Polybrominated Diphenyl Ethers).

STORAGE CONDITIONS

- Temperature Range: 40 - 90 °F
- **Two year shelf life from manufacture date.**

WARRANTIES

Products are guaranteed to perform their fire retardant function as represented by third party tests, if applied according to manufacturer's published instructions.

*There are no other warranties either expressed or implied since Flame Seal Products cannot control the actual application of the products. Users must determine usability and suitability for their particular requirements, as well as compatibility with the exact materials to be treated or coated.

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