

LFHR ADDITIVE**LOW FRICTION HIGH RELEASE ADDITIVE****DESCRIPTION**

LFHR is a silicone additive for use with TECHTHANE solvented spray linings to lower the coefficient of friction and improve the release properties of the elastomer lining in damp, dry, or freezing applications. When added to the final coats, TECHTHANE linings with LFHR have very slick, or 'slippery' surface which is very effective for decreasing the ability of damp or freezing solids to sticking to the TECHTHANE coating surface. Typical applications include snowplows, hoppers,

PROPERTIES OF MATERIAL**PROPERTY**

Form	Gel
Color	Off-white
Solids Content, by volume, %	100
Weight, lbs./gal. (g/L)	8.50 (1019)
Flash Point, TCC, °F (°C)	>400 (205)
VOC	0

APPLICATION SUMMARY (See following paragraphs for further application information)**PROPERTY**

Usage	Solvented spray systems, final coats only
Coverage	0.5 lb. (0.25 kg) per 10 gal. mixed spray product
Application Equipment	drill mixer
Mix Ratio	0.5 lb. (0.25kg) per 10 gal. mixed spray material

COVERAGE

1/2 lb. of LFHR per 10 gallons of mixed spray product.

APPLICATION INSTRUCTIONS**Equipment**

A Jiffy Mixer or other similar propellar-type mixer mounted on an air drill is required for mixing LFHR into the TECHTHANE spray components.

Application

LFHR must be mixed in well and re-mixed frequently during use as follows:

- 1) Warm LFHR to 80-90°F (25--27°C) prior to use.
- 2) Take equal amounts of LFHR and the TECHTHANE Part 'B' component and blend together thoroughly at high speed.
- 3) Mix the TECHTHANE Part 'A' and Part 'B' components together, gradually adding the LFHR/Part 'B' blend into the mixture. Continue mixing for 10 minutes.
- 4) Re-blend frequently during use (normally every 3-5 minutes).

Recoating

Limited tests have indicated that LFHR does not interfere with the ability of TECHTHANE to bond to metals. However, it is recommended regardless that it only be used in the last 20-60 mils (0.50-1.50 mm) of the coating. Due to the anti-stick properties of LFHR-modified TECHTHANE elastomer surfaces, later bonding to the cured elastomer may be difficult. The buffing and priming procedure outlined in the TECHGRIP™ Product Data Bulletins should be followed for any recoating operation.

AVAILABILITY

1/4 lb. and custom quantities.

STORAGE AND SHELF LIFE

In the absence of heat and moisture, LFHR is good for 1 year minimum from date of shipment.

LFHR is packaged in sealed containers. Containers should be kept tightly sealed and stored in a cool, dry area that is protected from direct sunlight. Long-term storage temperature should not exceed 80°F (27°C).

SAFETY

Avoid contact of components with skin and clothing. If contact occurs, wash thoroughly with soap and water. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. If swallowed, do not induce vomiting, call a physician immediately.

Refer to the Material Safety Data Sheet (MSDS) for further information prior to use of this material. MSDS available 24 hrs. at 888-TECHFACTS / 540-667-2664 (MSDS # 600).

FOR INDUSTRIAL USE ONLY.

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