



Technical Data

GatorHyde LP

Low Pressure Polyurea Coating

NB 1188

Revised: 021210

MANUFACTURER

GatorHyde Protective Coatings, Inc.
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PRODUCT DESCRIPTION:

GatorHyde LP is a two component, 100% solids, zero VOC's (Volatile Organic Compound), UV controlled, modified elastomer. **GatorHyde LP** offers outstanding performance and durability when used as a protective coating for pick-up truck beds. **GatorHyde LP** displays quick cure times and offers excellent adhesion to properly prepared steel surfaces. The unique chemical make-up of this rapid curing Polyurea elastomer enables the material to be installed at temperatures as low as 25°F. Because **GatorHyde LP** is not a urethane it is far less sensitive to moisture thereby seriously reducing the risks of bubbling in climates where the humidity is consistently high. This material has excellent UV characteristics and is suitable for either interior or exterior use.

PRIMARY APPLICATIONS:

- PICK-UP TRUCK BED COATING
- HORSE TRAILER FLOOR COATING
- SHOWER STALL FLOOR COATING
- VERTICAL WALL APPLICATIONS
- PICK-UP TRUCK BED LINING
- POND LINER
- BALCONY DECK COATING
- PLYWOOD AND OTHER WOOD PRODUCTS
- DOOR FRAMES, FACINGS, ETC.

APPLICATION EQUIPMENT:

GatorHyde LP has been specifically developed for use with low pressure, plural component pump systems and plural component cartridge spray kits. This 1:1 ratio material is formulated to be used with a new halo attachment for static mixing wands at air pressures up to 125 psi. **See manufacturer for details on pump systems and accessories.**

SPECIAL APPLICATIONS:

GatorHyde LP can also be used as a concrete coating for protection against chemical exposure, moisture migration, abrasive vehicle/foot traffic or as a protective

membrane for industrial floors, and protective coating for secondary containments. Due to its chemical makeup, **GatorHyde LP** performs well in applications subjected to intermittent high temperatures and temperatures down to -40°F. Depending on the gel time, **GatorHyde LP** can be applied to vertical or horizontal surfaces. **Contact manufacturer for information on additional applications and gel times.**

AVAILABLE COLORS:

Standard Colors:

- Black
- Safety Yellow

Special colors available upon request, but require additional lead time and cost. For details contact manufacture or your local sales representative.

APPLICATION RECOMMENDATIONS:

GatorHyde LP adheres extremely well to properly prepared metal, wood and concrete surfaces. Prior to coating procedure, make sure that the substrate is free of loose dust, dirt, rust, grease, oil, mold release agent or other contaminants that might interfere with the bonding process. Where excellent adhesion is required, it is recommended that all metal or concrete surfaces be primed before applying **GatorHyde LP**. **Contact manufacturer for recommended primer and details on pump systems and accessories.**

PHYSICAL PROPERTIES (1:1 BY VOL.):

Post Cure 200°F 18 hours

TENSIL STRENGTH, PSI	ASTM D412	2933
ELONGATION, %	ASTM D412	650
100% MODULUS	ASTM D412	657
200%	ASTM D412	869
300%	ASTM D412	1117
DIE "C" TEAR STRENGTH, PLI	ASTM D624	351
HARDNESS, SHORE A	ASTM D2240	85
HARDNESS, SHORE D	ASTM D2240	33
VISCOSITY A-SIDE (75°F)	CPS	2500
VISCOSITY B-SIDE (75°F)	CPS	1900

TYPICAL PROCESSING PROPERTIES:

GEL TIME (ADJUSTABLE)	SECONDS	8
TACK FREE TIME	SECONDS	11
RETURN TO SERVICE	HOUR	1

APPLICATION NOTES:

GatorHyde LP adheres well to sound steel substrates. All surfaces should be free of moisture, rust, loose particles, petroleum-based products, bond breakers and other contaminating debris. When utilizing a plural component pump, it is recommended that a 3/8" x 24 element-mixing wand be used in order to ensure proper mixing and backpressure

CLEAN-UP/DISPOSAL:

Cured product may be disposed of without restriction. The un-cured isocyanate and resin portions should be mixed together and disposed of in a normal manner. "Drip free" containers should be disposed of according to local, state, and federal laws.

SAFETY & HANDLING:

MSDS will be mailed immediately upon receipt of a purchase order or upon request. All personnel should read and understand the safety recommendations. Keep uncured product away from children at all times.

LIMITATIONS:

GatorHyde LP is an aromatic hybrid polyurea. While the physical properties may not be affected, the elastomer could yellow with exposure to UV or mercury vapor light. It is highly recommended to use a dark color for any applications requiring color stability. If color stability is mandatory, contact the manufacturer for recommendations. The chemical resistance chart should be consulted prior to any application. **Each individual user should check the product compatibility with their application requirements prior to full-scale use.** Samples are available upon request.

SHELF LIFE & STORAGE:

Eight months in factory delivered, unopened drums. Keep away from extreme heat, freezing, and moisture. Proper storage temperature is between 60°F and 80°F. The components used in the **GatorHyde LP** formulations have been specifically formulated to withstand low temperature applications. The material can be stored at temperatures as low as 20°F with no gelation of the components. However, it is recommended to warm the material to minimum of 60°F before application.

PACKAGING:

GatorHyde LP is available in 5 gallon pails or 55-gallon drums.

SHIPPING INFORMATION:

GatorHyde LP can be shipped via most commercial truck lines. The shipping class is "55". The "A" and "B" sides are unregulated.

CHEMICAL RESISTANCE:
ASTM D3912 MOD. 3 DAY IMMERSION

<u>Chemical</u>	<u>Result (25°C)</u>
Brake Fluid (DOT3)	RC
Clorox® (10%)/Water	C,Dis
Diesel Fuel	C
Gasoline	C
Hydraulic Fluid (oil)	C
NaCl/Water (10%)	R
Potassium Hydroxide (10%)	R
Sodium Hydroxide (10%)	R
Sodium Bicarbonate	R
Sugar/Water (10%)	R
Sulfuric Acid (10%)	R,Dis
Sulfuric Acid (>22%)	NR
Vinegar (5%)/Water	R
Water	R
Xylene	C

R = Recommend = Little or no Visible Damage

RC = Recommend Conditional = Some Effect-Swelling, Discoloration

C = Conditional = Cracking—Wash Down Within One Hour of Spillage to Avoid Effects

NR = Not Recommended

Dis = Discoloration Only

WARRANTY:

The technical data and any other printed information furnished by GatorHyde are true and accurate to the best of our knowledge. **GatorHyde LP** conforms to in-house quality control procedures and should be considered free of defects. Due to the wide range of applications of this product, it is impossible to assume responsibility for any errors in regard to application, coverage, workmanship, over-spray, or injuries resulting from the use of this product. GatorHyde makes no warranty expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event.