

## HTS 554

### ALIPHATIC URETHANE ELASTOMER

#### PHYSICAL DESCRIPTION

HTS 554 is a UL 790 approved single component, aliphatic moisture cure elastomeric membrane designed to provide superior UV and gloss retention for urethane or polyurea coatings.

HTS 554 is ideal for UV protection of HTS butyl coatings on cold vessel storage, HTS poly urea "Tec Liners" for containment or as the white top coat over other HTS roof coatings. The published perm rating is for a 20 mil base coat of HTS 601 and a 10 mil top coat of HTS 554.

#### FEATURES

Superior Color & Gloss Stability  
Convenient Single Component  
UL 790 approved

Low Permeability  
High Solids

#### TECHNICAL SPECIFICATIONS

Theoretical Coverage 1042 mil sq. ft./US gallon\*  
Color: White standard - colours available  
Recommended Thickness: 10 - 15 dry mils over approved HTS base coats.  
\*Allow 10 - 15 % extra material for waste

#### ORDERING INFORMATION

5 US Gallon kit  
55 US Gallon kit  
Weight: 62 pounds per 5 gallon kit  
Freight Class: Solvent Solution UN 1139

#### APPLICATION INFORMATION

##### Mixing

Power agitate component for 8 to 10 minutes or until thoroughly mixed in container. Remember HTS 554 is a single component with a booster additive that *must be added* to guarantee suitable adhesion and proper cure of the product. Minimum application temperature is 50 degrees F. Do not apply over damp or poorly prepared substrates or when poor weather is imminent. Do not apply without ventilation in enclosed areas.

##### Pot life after adding of Booster Pack

Material Temperature  
75 F

Pot life  
3 days

Pot life of urethane coatings are drastically shortened by high temperatures. HTS 554 should not be left in the hoses overnight. FLUSH ALL SPRAY EQUIPMENT WITH XYLENE/MEK 50/50 PRIOR TO APPLYING THIS MOISTURE CURE PRODUCT TO REMOVE ANY POTENTIAL MOISTURE RESIDUE CONTAINED WITHIN THE PAINT LINE!!

Thinning of this product is not recommended. \_\_\_\_\_

### Equipment

HTS 554 is designed for application by airless pumps capable of maintaining 3000 psi output. Reverse-a-tip spray guns with tip sizes of between .019 and .023 are recommended. Power rollers can be used for sensitive applications of HTS 554 to reduce over spray problems. Use xylene/MEK (50/50 blend) for cleanup and flushing of equipment.

### Recoat

As soon as cured or within 36 hours of initial coating application.

PROPERTIES OF HTS 554		
MIXING RATIO		single component
SHELF LIFE		6 months
SOLIDS by volume	calculated	65 %
TENSILE STRENGTH	ASTM D 412	2575 psi
ELONGATION %	ASTM D 412	370 %
PERMEABILITY, U.S. PERMS - 30 mils	ASTM E 96 (B)	.89 perms
HARDNESS	ASTM D 2240	90 A
ACCELERATED WEATHERING	ASTM G53-77	6000 hours-passed
WATER ABSORPTION	ASTM D 543	2.2 %
LOW TEMPERATURE FLEXIBILITY	ASTM D 2136	-22 C 180 degree bend
FLASH POINT		75 F

Material Safety Data Sheets are available on this coating material. Individuals who may come in contact with these products should read and understand the Material Safety Data Sheet.

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