

GENIUS GUN REPAIR FOAM PART NO. 143565

TYPICAL PROPERTIES

Base	Polyurethane
Consistency	Stable Foam
Curing System	Moisture-cure
Skin Formation (68°F/65% R.H.)	.7-8 minutes
Drying Time (68°F/65% R.H.)	Dust-free after
.....	20 – 25 minutes
Cure Rate (68°F/65% R.H.) 45 minutes for
.....	A 1/8" bead
Yield	6.6 gallon cured foam
Yield (ASTM C-1536) 2279 linear feet for
.....	A 1/4" bead
Shrink	None
Post Expansion	None
Cellular Structure 70 – 80% closed cell
Color	Champagne
Insulation Factor 3.9 – 4.1 for 1 inch
Water Absorption 1% Vol
Shelf Life 12 months
Application Temperature 41°F to 95°F
Service Temperature -40°F to 194°F



DESCRIPTION

Dynatex® Repair Foam is a one-component, self-expanding, ready to use polyurethane foam with propellants, which are completely harmless to the ozone layer.

FEATURES

- Permanent color
- Paintable
- Mildew resistant
- Very good adhesion on many materials
- Very easy application
- Low expansion
- Will not bow or bend substrates

TYPICAL APPLICATIONS

- Ideal for insulating stud wall cavities
- Provides air sealing, thermal and sound insulation
- Improving thermal isolation in cooling systems
- Inside refrigerated trailers to bond fiberglass liners to prepared spray foam insulation and aluminum posts
- Ideal for sound and thermal insulation of passenger vehicles, emergency response vehicles, buses and aircraft.
- RV's
- Buses
- Grain drying bins, barns, coops and out-buildings

Packaging

Colors: Tan

Size: 20 Oz Net Aerosol

APPLICATION INSTRUCTIONS

Shake the canister thoroughly for 30 seconds. Open the lid on the top and straighten the applicator. Apply a fine water spray to the surface which needs to be clean and free of grease and dust. Turn around the canister and extrude the foam carefully by applying pressure on the trigger. Fill holes and cavities approximately 65% as the foam will expand. Shake canister regularly during application. If foam is applied in several layers, moisten between each layer of foam.

Fresh foam can be removed using acetone. Cured foam can only be removed mechanically. Application temperature 41°F to 95°F. (68°F to 77°F recommended)

At the end of application, close the applicator tube screwing the sealing plug onto the adapter and click into the holder. Close the lid. The canister can be reactivated for up to 6 weeks if resealed correctly. Before reusing, unscrew the red adapter including the red T-plug from the tip of the straw. Keep the can straight up, point the straw into a plastic bag and shoot the contents of the straw into it. It may take one or two triggers to remove all the straw's contents. Screw the adapter back into the straw. Then unscrew the red T-plug from the red adapter at the end of the straw to start working.

Meets:

ASTM C-1620

ASTM E-84

REMARKS

- Always moisten surfaces in order to improve curing and cellular structure
- Cured PU foam must be protected from UV-radiation by painting or applying a top layer of sealants (silicone, MS Polymer, etc.)
- For the filling of large volumes apply product in layers and moisten between each layer
- We recommend preliminary compatibility tests on surfaces on which PU foams have not been applied previously
- Always store canister with the valve pointed upwards

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 77°F, *Dynatex® Repair Foam* has a shelf life of 12 months from date of shipment.

Always store can with the valve pointed upwards.

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