



Dynatron™ Dyna-Pro Rubberized Undercoating

Technical Data Sheet

April, 2014

3M Part No.(s)	3M Part Descriptor(s)
544 (one gallon); 6546 (5 gallon)	Dynatron™ Dyna-Pro Rubberized Undercoating

Product Description Dynatron™ Dyna-Pro Rubberized Undercoating PN 06546 is a synthetic rubber polymeric coating designed to protect lower auto body panels, wheel housings, floor pans, and undercarriages from damage such as stone chipping, and prevent corrosion on bare metal. This coating may be applied over clean bare metal, or primer coated surfaces and may be top coated with common automotive paint systems.

- Features**
- Rubberized Polymer Formula
 - Corrosion Resistant Formula
 - Automotive Paint Compatibility

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Container	1 Gallon (3.78 litre) PN 544 & 5 Gallon (18.92 litre) PN 6546 – metal cans
Base	Rubber Copolymer
Density	7.15 lb./Gallon (.86g/mL)
Color	Black
Flash Point	45°F (7.2°C)
Consistency	Thick Liquid
Viscosity	4,500 - 7,000 cps
Solvent*	Toluene, VM&P Naphtha
Service Temperature	-20°F to 200°F (-29°C to 93°C)

*Important Note: Please consult Federal, State and Local Regulations. State Volatile Organic Compound (VOC) regulations may prohibit the use of certain alcohol solutions or solvents. You should check with your state environmental authorities to determine whether use of a solution or solvent is restricted or prohibited. When using solvents, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use. Consult the product SDS for PPE recommendations as well as other recommended handling procedures.

Product Uses Under body protection for wheel housing, frame rail, floor pan, lower rocker panel areas of auto bodies. This coating does not contain a UV screener and should not be used on top surfaces exposed to direct sunlight unless it is top coated with an appropriate paint. May be applied to clean, dry bare metal, contains corrosion inhibiting chemistry.

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Performance Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Paint Time: 1 - 2 medium coats @ 75°F (24°C) 30 - 60 minutes
2 - 3 medium heavy coats @ 75°F (24°C) 120 - 150 minutes

- Allow flash time between coats.
- May be applied over bare metal or prepared primer or paint.
- **DO NOT** solvent wipe this product prior to paint application. If painting after 24 hours, scuff lightly before applying top coats.

Coverage: 1 gallon = 300 sq. ft. @ 5 wet mil application weight

Application Equipment Recommendations:

3M™ Accuspray™ Spray Gun Kit HGP (PN 16587) & 3M™ PPS™ Type H/O Pressure Cup (PN16124) & 3M™ PPS™ Kit Large Size (PN 16024).

***Note:** Remove PPS filter from lid when spraying high viscosity material.

OR

3M™ Body Schutz Applicator (PN 08997)

***Note:** Use with a screw on 1 quart cup, or flexible 12 inch extension tube fitted over Body Schutz gun pick up tube if used with 1 gallon can.

Directions for Use

Directions for use:

1. Clean the area removing all surface contaminants that would inhibit the adhesion of the undercoating such as loose materials, dirt, grease/oil, rust scale, or contaminants from welding operations.
2. Mask adjacent areas to protect from over spray prior to application.
3. Agitate the container of Dynatron™ Dyna-Pro Rubberized Undercoating to mix all solids into suspension.
4. Apply in light to medium coats allowing 3 to 5 minutes flash time between coats building to desired coat weight. ***Note:** Maximum corrosion protection achieved when 4 or more coats are applied or ~ 10 dry mil thickness.
5. Allow coating to dry (see paint time above) prior to top coating with automotive type sealer and color/clear coats. Scuff coating prior to painting if allowed to dry longer than 24 hours.
6. Clean equipment with lacquer thinner.

Applications

Applications include areas requiring undercoating protection to seal surfaces from environmental conditions and protect from stone chips. Panels such as wheel housing, frame rail, floor pan, and other body under side and internal panels are common auto body applications. This product is not designed to protect from UV exposure.

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Storage and Handling

Store at room temperature. Rotate stock on a “first-in, first-out” basis. When stored at the recommended conditions in original, unopened containers, this product has a shelf life of 16 months.

Always use in a well-ventilated area.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product. See link below:

http://solutions.3m.com/wps/portal/3M/en_US/MSDS/Search/?gsaAction=msdsSRA&msdsLocate=en_US

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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For Additional Health and Safety Information



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