



An Innovative and Green Company for the 21st Century

UNDERCARRIAGE DEFENSE XP

A Premium Vehicle, Truck And Heavy Equipment Undercoating

The Green Silane Solution

High performance silane, nano-technology, durable undercoating

Provides an enduring, non-stick undercoating for all types vehicles, trucks and heavy equipment

Reduced maintenance costs and increases value of vehicles, trucks and heavy equipment.

Improves your Productivity and Profitability

Unparalleled durability performance: wear and tear, chip, abrasion, and mar resistance.

Exceptional resistance to road salt, fuels, solvents, concrete, hydraulic or brake fluids, acid, caustic, and many other chemicals.

PRODUCT BENEFITS

ASSET PRESERVATION

REDUCED MAINTENANCE COSTS

KEEP UNDERCARRIAGE LOOKING NEW

FUEL & DIESEL FUEL RESISTANT

CHEMICAL & CONCRETE RESISTANT

ROAD SALT RESISTANT

ACID & CAUSTIC RESISTANT

ISOCYANATE FREE

NON HAPS

MAX TEMPS 350° F (176° C) DRY

Best in asset protection and reduction in cleaning / maintenance costs. It can be applied on an OEM basis or as part of aftermarket maintenance. **Undercarriage Defense XP** is applied over new undercarriage in OEM facilities or over properly cleaned aged undercarriage surface in aftermarket situations. It delivers excellent performance and durability in all environments.

Undercarriage Defense XP is supplied at 95% solids, and is environmentally friendly. The product does not contain **Isocyanate** or **solvents** that is harmful to applicators, or the environment. For best results apply via a HVLP Spay System. Consult Tech Service for exact details.

UNDERCARRIAGE DEFENSE XP

A Premium Vehicle, Truck And Heavy Equipment Undercoating

PRODUCT & PERFORMANCE DATA @ 77° F (25° C)

Type: Two-component Silane Fluoropolymer (CLEAR)

Cure: Air Cured Chemical reaction

Solids: 95% % as supplied.

VOC Content: 5 % as supplied - Non HAPS & Exempt

Specific Gravity: 1.09

Bulk density: 9.09 Lbs. Per gallon – Mixed

Flash point: Resin: >294° F (> 145° C)

Hardener: >294° F (> 145° C)

Shelf life: 12 months subject to re-inspection

Mixing Ratio: By Volume: 1 part A (activator)

3 parts B (base resin)

Potlife: 60 minutes @ 77° F (25° C)

Thinner: No thinner is needed

Gloss: High

Abrasion Resistance: ASTM D 4060: < 67 mg loss

Salt Fog: ASTM B117-11: 6,000 hours – Pass

Mandrel bend: ASTM D522: 2.5 inch at - 40 C° – Fail at 50 °

QUV: ASTM D 4587: 12,000 hours – Pass

Adhesion: ASTM D 3359– Pass

Clean up solvent: MEK, N butyl acetate or Anhydrous isopropanol

Drying Characteristics:

Tack free: 2.5 hours

Handling: 6 hours

Thorough cure 24 hour

Available Packaging

1 Gallon Kit

Shipping weight: 11.1 Lbs.

4 gallon kit.

Shipping weight 42 Lbs.

** Request specifications from Spectrum Catalysts, Inc. or your authorized representative.

Substrate preparation:

OEM Application: Consult Technical service for detailed specification

Substrate temperature: must be above 40° F (5° C) and ataminimum must be 5° F (3° C) above the Dew Point.

Substrate preparation - Existing Surfaces:

- May be applied over any existing vehicle or heavy equipment undercarriage.
- For best performance, the surface must be clean, dry and free of oils, grease and / or wax.
- Appropriate preparation/ Degreasing required.
- Apply one coat wipe out 3-5 mils (75 – 125 microns) wet
- Allow 2.5- 3.5 hours cure time @77° F (25° C)
- Coverage is 320 – 530 square feet per gallon

Repaired surfaces:

- Apply as per above

Safety Precautions:

This product is sold for and intended for use by professional applicators or adults. It must be kept out of the hands of children. Refer to SDS for proper industrial hygiene procedures consistent with OSHA & GHS regulations. Always use protective goggles, gloves, clothing and or respiratory equipment.

Disclaimer

RECOMMENDATIONS AND SUGGESTIONS APPEARING HEREIN CONCERNING OUR PRODUCT(S) ARE BASED UPON TESTS AND DATA BELIEVED TO BE RELIABLE, HOWEVER, IT IS THE USER'S SOLE RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY AND SUITABILITY FOR HIS OWN USE OF THE PRODUCTS DESCRIBED HEREIN. SINCE THE ACTUAL USE OF THESE PRODUCTS IS BY OTHERS AND BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE BY SPECTRUM CATALYSTS INC. AS TO THE EFFECTS OF SUCH USE, INCLUDING THE RESULTS TO BE OBTAINED OR THE SAFETY AND TOXICITY OF THE PRODUCTS NOR DOES SPECTRUM CATALYSTS INC. ASSUME ANY LIABILITY ARISING OUT OF THE USE BY OTHERS OF THE PRODUCTS REFERRED TO HEREIN. NOR IS THE INFORMATION HEREIN TO BE CONSTRUED AS ABSOLUTELY COMPLETE SINCE ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE WHEN PARTICULAR OR EXCEPTIONAL.

Efficient US Technology 