



PRODUCT INFORMATION SHEET

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VG-076 ValuGard Undercoating with hybrid technology

DESCRIPTION

A premium haps free, polymer enhanced water/solvent hybrid coating. Provides protection of metal frames and other underbody components on automobiles, trucks, trailers, utility bodies, bus bodies, RV's and other vehicles. VG-076 quickly develops excellent adhesion to a variety of substrates; wood, foam, FRP, plastic; or direct to metal over pickled and lightly rusted surfaces. VG-076's hybrid quick dry capabilities achieve early water and freeze resistance making it suitable for a variety of application situations. Hybrid technology gives VG-076 most of the application characteristics of solvent based products without high VOC, OSHA, Fire Code issues and costs. The dry coating is a tough, pliable coating for protection against abrasion and corrosion. Resists salts, alkalis and seals out moisture. Affords sound deadening and vibration dampening at higher film builds. Dry coating is tack free and yet remains pliable and flexible.

MATERIALS

VG-076 is composed of an abrasive free material, formulated with emulsified petroleum hydrocarbons, modified polymer additives and corrosion inhibitors with a hybrid water/solvent carrier.

PRODUCT DATA

Color
Weight per Gal.
Solids
Flash Point
V.O.C. Content
Viscosity & Sag
Fed Spec. TTC-520-B
Fed Spec. FMVSS 302
(49cfr CH.V, 571.302, Standard No. 302)
Dry to light touch (70°F/30%humidity)

PROPERTIES

Black
9.3 lbs +/- .2
53% +/- 2
Not Applicable
Less than .3 lbs. per gallon
6,000-8,000 CPS / 40 mils min.
Pass
Pass
20 -30 minutes (12 mils wet)

CORROSION RESISTANCE

ASTMB-117 (WITH MAG. CHLORIDE) 1,200 HOURS MIN., **SAE-J2334** (WITH MAG. CHLORIDE) 48 CYCLES MIN.
NACE TM-0169 72 CYCLES.

APPLICATION

VG-076 has excellent spray ability, coverage and sag which allows the use of a wide variety of spray equipment. It can be cold applied with conventional airless or air assist spray equipment. Use as supplied. Although mixing is usually not required, ensure uniform consistency prior to use. The ambient and product temperature should be 50-95 F (10-35 C) at time of application. Refer to the (Material Safety Data Sheet) for additional handling instructions, Personal Protection Equipment requirements and first aid information before using.

APPLICATION EQUIPMENT

- 30:1 Reciprocating pumps with 30 - 40 lbs. PSI .021 - .025 inches tip size
(For Industrial applications w/ large pumps)
- 15-1 Air Motor pumps with 60-70 lbs. PSI (drum/keg pump) .019 - .023 inches tip size
- Body Shutz gun with 50-60 PSI

DRY TIME

VG-076 will dry to light touch in as little as 20 minutes. Dry times will depend on film thickness, temperature, humidity and airflow, and fully cure in 24 hrs. @ 70°F. Air movement will speed drying. Product is formulated to achieve early water and freeze resistance that will be indicated by a change of color from dark gray (when first sprayed) to matte black.

CARE AND CLEAN UP OF EQUIPMENT

Spray guns, brushes and tools used for application, should be immersed in soapy water or mineral spirits when not in use. Dried material can be removed with mineral spirits.

SHIPPING /STORAGE - PROTECT FROM FREEZING

This product may be damaged if frozen. Please protect from severe weather. Store in a warm place. (50°-90° F)

PACKAGING

Available in 5- gallon pails, 16-gallon kegs, 55-gallon drums. Special order 330 gallon totes.