

# ***NILRUST***

*Simply Stops Rust Inside and Out*



**Full Range of  
Automotive  
Corrosion Control  
Products**



***[www.nilrust.com.au](http://www.nilrust.com.au)***

## NILRUST BOTTOMSIDE NB200/20

**Description:** Nilrust NB200 is the name given to the Nilrust anti-corrosion product, manufactured for the application to under body section of motor vehicles. The product is a thixotropic, black-brown material, based on selected organo-metallic complexes, waxes, oils, and bitumen, drying by solvent evaporation, to give a tough protective coating. The product has been formulated to give excellent atomisation with a fogging attachment, particularly with low pressure systems.

**Typical Properties:** (not a specification). Product viscosity 120 - 130 angular degrees. Gallenkamp VS020 thixotropic viscometer (swg 30, cylinder 16.67mm) which calculates to 5000 - 5500 mPa.s.

**Specific Gravity:** @ 25C: 1.06

**Non-Volatiles:** 51 - 53% w/w 34 - 36% v/v  
Typical 52% Typical 35%

**Flash Point:** 38C

**Solvent:** Selected petroleum fractions.

**Colour:** Black.

**Quality Control:** All production is filtered through 210 micron filters and standardised to a viscosity prior to packaging. Random solids tests are run on a regular basis for cross checking.

**Application:** Recommended thickness: 100 - 125um dry.

**Drying Time:** Flow ceases within 30 minutes under normal conditions, but full drying time will take several days, depending on thickness of film and drying conditions.

**Clean Up:** Mineral turps or white spirit are suitable solvents to clean up overspray and drips.

**Safety:** Refer to Material Safety Data Sheet for detailed information. Always ensure the product is used with flash-proof equipment, and personal protection, consisting of adequate ventilation, and eye and skin protection is observed.

Conforms to AS2662/1 Department of Defence Material Testing Laboratory Report 91/0767.

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## NILRUST BOTTOMSIDE WATERBASED NB200/20WB

**Description:** This waterbased rustproofing designed for application onto vehicle underbody. Bottomside comprises of a unique blend of selected waxes, resins and corrosion control agents which displace water and bond chemically to a metal or wax coated surface.

**Surface Preparation:** The surface should be clean, dry, and free of oil, wax, and silicone tyre treatments. Usually preparatory steam cleaning with a suitable alkaline degreaser is sufficient. Where silicone contamination of the surface is likely an initial wipe-over with a silicone remover (AutoPrep) is recommended, followed by the alkaline degreasing step. Where the area to be treated is a cavity a check to see that the area is well drained with all drain holes functional, as the presence of a large amount of water will slow down the drying process.

**Directions For Use:** Apply using an airless pressure spray, e.g. a Schutz gun or other, which does not dilute the coating with air.

**Application Conditions:** Conditions where the relative humidity is greater than 85%, combined with low substrate temperatures (5-15C) or excessive wind chill, may lead to poor film formation, with consequential loss of gloss or in worst cases, loss of adhesion and powdering. Allow 24 hours before permitting the vehicle to be driven in wet conditions or use heat lamps to facilitate faster drying. Full dry can take up to 10 days, depending on the weather conditions. During this time the coating may be water sensitive, i.e. may go white when on the surface. This property will disappear when the water sensitive solvents present in the film, migrate from the surface.

**Coverage:** 5-7m<sup>2</sup>/L

**Clean Up:** While the film is still wet use water. If dry use White Spirit or Brush Cleaner BC40.

### Properties:

NVM %	58+/-1% w/w
Viscosity	550-650cps @ 25C
Colour	Brown to black opaque fluid
Film Colour	Satin Black
Odour	Slight characteristic
Wet Film Thickness (WFT)Recommended	140-200μ
Dry Film Thickness (DFT)Recommended	80-100μ dry
VOC	14g/L

**First Aid:** If poisoning occurs, contact a doctor or Poisons Information Centre 131126. If swallowed, do NOT induce vomiting. Give glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15minutes and see a doctor.

**Storage:** Not classified as a dangerous or hazardous substance for purpose of transport or OHS. Not to be loaded with dangerous when wet substances (Class 4.3), Oxidising Agents (Class 5), or Foodstuffs. Store in cool well ventilated area. Do NOT freeze.

**Drying time:** Flow ceases within 90 minutes under normal conditions, but full drying time will take several days, depending on thickness of film and drying conditions.

## NILRUST TOPSIDE NT200/20

**Description:** Nilrust NT200 is the name given to the Nilrust anti-corrosion product, manufactured for the application to upper body section and concealed box sections of motor vehicles. The product is a thixotropic, semi-transparent material, based on selected organo-metallic complexes, waxes and oils, drying by solvent evaporation, to give a soft protective coating. The product has been formulated to give excellent atomisation with a fogging attachment, particularly with low pressure systems, and good seam penetration.

**Typical Properties:** (not a specification). Product viscosity 330-335 angular degrees. Gallenkamp VS020 thixotropic viscometer (swg 30, cylinder 16.67mmi which calculates to 260-300 mPa.s.

**Specific Gravity:** @ 25C: 0.85

**NonVolatiles:** 49 - 51 % w/w Typical 50%  
45 - 47% v/v Typical 46%

**Flash Point:** 38C

**Solvent:** Selected petroleum fractions.

**Colour:** Golden brown.

**Quality Control:** All production is filtered through 100 micron filters and standardised to a viscosity prior to packaging. Random solids tests are run on a regular basis for cross checking.

**Application:** Recommended thickness: 75 - 100um dry.

**Drying Time:** Flow ceases within 30 minutes under normal conditions, but full drying time will take several days, depending on thickness of film and drying conditions.

**Clean Up:** Mineral turps or white spirit are suitable solvents to clean up overspray and drips.

**Safety:** Refer to Material Safety Data Sheet for detailed information. Always the product is used with flash-proof equipment, and personal protection, ventilation, and eye and skin protection is observed.

Conforms to A82662/1 Department of Defence Material Testing Laboratory Report 90/1151

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## NILRUST TOPSIDE WATERBASED NT200/20WB

**Description:** This waterbased rustproofing designed for application into vehicle cavity and box section. Topside comprises of a unique blend of selected waxes, resins and corrosion control agents which displace water and bond chemically to a metal or wax coated surface.

**Surface Preparation:** the surface should be clean, dry, free of oil, wax, and silicone tyre treatments. Usually preparatory steam cleaning with a suitable alkaline degreaser is sufficient. Where silicone contamination of the surface is likely an initial wipe-over with a silicone remover (AutoPrep) is recommended, followed by the alkaline degreasing step. Where the area to be treated is a cavity a check to see that the area does not contain soil, water or other matter that will prevent the coating from attaching to the metal.

**Directions For Use:** Apply using an airless pressure spray, e.g. a Schutz gun or other, which does not have air dilution at the tip, to prevent coating flaws.

**Application Conditions:** Conditions where the relative humidity is greater than 85%, combined with low substrate temperatures (5-15C) or excessive wind chill, may lead to poor film formation, with consequential loss of gloss or in worst cases, loss of adhesion and powdering. Allow 24 hours before permitting the vehicle to be driven in wet conditions or use heat lamps to facilitate faster drying. Full dry can take up to 10 days, depending on the weather conditions. During this time the coating may be water sensitive, i.e. may go white when on the surface. This property will disappear when the water sensitive solvents present in the film, migrate from the surface.

**Coverage:** 5-10m<sup>2</sup>/L

**Clean Up:** While the film is still wet use water. If dry use White Spirit or Brush Cleaner BC40.

### Properties:

NVM %	35+/-1% w/w
Viscosity	550-650cps @ 25C
Colour	Light brown opaque fluid
Odour	Slight characteristic
Film Thickness Recommended	75-100u dry

**First Aid:** If poisoning occurs, contact a doctor or Poisons Information Centre 131126. If swallowed, do NOT induce vomiting. Give glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15minutes and see a doctor.

**Storage:** Not classified as a dangerous or hazardous substance for purpose of transport or OHS. Not to be loaded with dangerous when wet substances (Class 4.3), Oxidising Agents (Class 5), or Foodstuffs. Store in cool well ventilated area. Do NOT freeze.

**Drying time:** Flow ceases within 90 minutes under normal conditions, but full drying time will take several days, depending on thickness of film and drying conditions.

## Nilrust Soundproof - Sound Deadening (Under body)

Complete your vehicle's protection treatment with **Nilrust Soundproof**, rubberised sealant applied in a thick coating to the underbody of your vehicle to reduce road noise caused by tyre to road contact and stones, gravel, sand and water being thrown against the floor pan and wheel wells. It also protects your **Nilrust Rustproofing** from potentially damaging stone chips.

**Nilrust Soundproof** is not for the prevention of damage but for driver comfort. It is fully compatible when applied over **Nilrust Rustproofing** and is designed to reduce and absorb sound transmission through the vehicle's bodywork. It also gives protection and offers noise reduction from stones that are flung up from the tyres on the road.

This product is best sprayed on to give a thick, protective coating to the underside of the vehicle.

Your vehicle will benefit from increased temperature insulation and added protection from damaging, abrasive dust particles on moving parts. It will last longer and be more enjoyable to drive.

The **Nilrust Soundproof** product can be applied directly over the top of the rustproofing treatment.

