



ADVANCED NANO CERAMIC

ADVANCED 9H CERAMIC COAT - ANT Lab

Especially hard durable Nano ceramic protective coating designed for cars and motorcycles



LONG LASTING PROTECTION FOR:

CAR BODY

- Hardens the surface; smoothes minor scratches; removes the holograms
- Strong hydrophobic properties.
- Significantly highlights paint color and provides greater shine

PLASTIC FITTINGS

- Surface remains clean for much longer time because of "easy to clean" effect
- Coating is resistant to weathering from -40 °C to 300 °C

RIMS

- Does not attract dust
- Protects from acids, alkali, road salts and UV rays
- Protects the surface from aging and provides it with additional protection from corrosion

9H Ceramic Nano Coating

Technical Data Sheet



Product Description -

ANT Lab's 9H Ceramic Nano Water repellent coating™ is one of its kind coating to protect your car paint from scratches, bird drops, stone chips, iron powder & UV. Imparts Deep Gloss Ceramic Coating Kit.9H Nano Technology. Durability 75-90 carwashes or 3 years. Enjoy the deep gloss shine that no other product can match. Thanks to Super-Hydrophobic (or water repellent) properties achieved via Nanotechnology, your car/bike stays clean longer, less efforts while washing your car . Made in INDIA.

Characteristics -

Appearance	Colourless , Liquid
PH – Value (500g/l) at 22° C	1.0 - 3.0
Salt Spray Test	No rust, no blisters
Self-igniting	Product is not self igniting
Danger of explosion	Product is not explosive.
Explosion limits: Lower: Upper	3.5 Vol % 15 Vol %
Viscosity: Dynamic at 20°C:	1 - 10 m Pas
Toxicity	Acute

Types of substrates that can be coated -

Painted Surfaces	New and Old Iron (existing paint) ,Mild Steel, Stainless Steel, Aluminium, Copper, Brass ,Bronze & Powder coated metals . Car Surface , Truck Surface etc.
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Benefits –

ANT Lab's 9H Ceramic Nano Coat have several benefits ,

1. A nano-coating basically provides a strong, protective surface to the car's body that can block all manner of foreign matter and prevent them from causing damage to the car .
2. Longevity of 4 years in a single twin coat.(Practical ~ 3 yrs).
3. Lasts 5x Longer Than Most Other Brands .
4. Environmental Protection for extreme gloss surface & colour retention .
5. Chemical & Corrosion Resistance Surface after coating .
6. Physical Abuse Resistance (Dynamic Abrasion & Scratch) .

Applications -

ANT Lab's 9H Ceramic Nano Coat™+, across industries :

1. Automobiles - Cars , Bikes , Trucks etc
2. Metals – Brass, Aluminium

Application Details :

ANT Lab's 9H Ceramic Nano Coat™+, as with most final finishes, is best applied on to achieve optimum finish & appearance. With all the below methods of application, always cover any adjacent surfaces like glass etc to keep them free of drips or accidental coating . Make certain that there is no chance of rain for a minimum of 14 hours after the estimated time of completion of the coating process

Coverage	102 sq feet per 50 ml (2 sedan body , one layer each)
Possible Equipments for application	Manually Via micro fiber and sponge pad supplied by ANT Lab .
Full Hard Cure time	6 to 7 days (@27° C, 55% R.H.)
Coating Dry Time	45 to 60 seconds (27° C, 55% R.H)
DustFree Time	6 hrs the coating should be in dust free environment (@27° C, 55% R.H.)



Application Procedure & Preparation :

Step 1 : Surface Finish – Surface must be Paint corrected , Buffed for getting glossy surface and then the ceramic coating has to be applied .

Please find the detailed steps of application in the following documents

<http://antlab.in/How-to-Apply-%209H-Ceramic-Nano-Coating-V1.pdf>

For MSDS :

http://antlab.in/MSDS_9H-Ceramic-Nano-Coating.pdf

Precautionary statements:

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P280 Wear protective gloves/ clothing/eye protection/face protection.
- P240 Ground/bond container and receiving equipment.
- P233 Keep container tightly closed.
- P243 Take precautionary measures against static discharge.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/container in accordance with
Local/regional/national/

First aid measures:

- Description of first aid measures
- General information:
 - Take affected persons out of danger area and lay down.
 - In case of irregular breathing or respiratory arrest provide artificial respiration.
 - Immediately remove any clothing soiled by the product.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately rinse with water.
- After eye contact:



Rinse opened eye for several minutes (10-15) under running water. If symptoms persist, consult a doctor.

- After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

A person vomiting while laying on their back should be turned onto their side.

If Victim is vomiting, bring head in low position (increased Danger of aspiration / perforation)

- Information for doctor:

- Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Storage :

Store in dry area at temperatures between 20 - 23° Celsius (15% higher temp reduces shelf life by 6%)

- Shelf Life (seal un-opened) – 9 months .
- Shelf Life (seal opened) – 5 days .

Container Cap must be closed immediately after use to avoid contamination.

Discard if liquid turns white in color . It should always remain colorless to be effective .

Safety & Maintenance :

1. Always wear DGFASLI approved Respiratory protection.
2. Fresh air and exhaust are required in the work area.
3. Wear butyl-rubber gloves and other skin protection to avoid contact.
4. Chemical safety goggles or splash shields are required.
5. Do not wear contacts without eye protection.
6. If inhaled - move to fresh air and call physician immediately if physical difficulties occur.
7. In the event of contact with skin - wash skin thoroughly with soap and water.



8. In the event of contact with eyes - Immediately flush eyes with water for 15 minutes after contact and get medical attention.
9. If accidentally swallowed - rinse mouth thoroughly and obtain immediate medical attention.
- 10.

IMPORTANT : Although ANT Lab's 9H Ceramic Nano Coat™ is scratch resistant, it is not scratch-proof.

Do not use abrasive cleansers or abrasive scouring pads. If an area gets damaged or is mechanically abraded, simply reapply the Metal Coat. If the substrate is damaged at the same time, make the necessary repairs first, and then re-apply Ceramic Coating.