

Authentic Protection

by Global Nano Products Inc.

HEAVY DUTY

TECHNICAL DATA SHEET

- ❖ SOLVENT-BASED COATING THAT PROVIDES
EXCEPTIONAL WATER, OIL AND ALCOHOL REPELLENCY
ON ALL SURFACES
- ❖ DOES NOT SIGNIFICANTLY CHANGE THE APPEARANCE,
FEEL, COLOR, ODOR, FRICTION OR OTHER PROPERTIES
OF THE SUBSTRATE
- ❖ LOW ODOR AND LOW VOCs, EMPLOYING DMC AS A
SOLVENT
- ❖ AMBIENT CURE, FROM AS LOW AS 5 DEGREES
CENTIGRADE
- ❖ TREATED SURFACE RESISTS SOILS AND STAINS AND IS
FAR EASIER TO CLEAN

APPLICATIONS

- ❖ POROUS SURFACES FROM WOOD TO CONCRETE
- ❖ POLISHED SURFACES SUCH AS MARBLE
- ❖ STONE
- ❖ STUCCO
- ❖ TILE
- ❖ MASONRY
- ❖ GROUT

TECHNICAL INFORMATION

Authentic Protection **Heavy Duty** is an easy-to-apply coating that provides long-lasting, exceptional resistance to water, oil and alcohols. AP **Heavy Duty** is a member of the new generation of coatings created at Global Nano Products Inc. that blend specific fluorinated silicon polymers to create an environmentally friendly, low VOC breathable nano-coating. The surface created by AP **Heavy Duty** resists staining, and even when stained, is far easier to clean, usually not requiring pressure washing. The product has shown itself to be very effective on general building and construction materials.

APPLICATION

Authentic Protection **Heavy Duty** is very easy to apply and can be applied by brush, airless sprayer, pump sprayer or foam roller. Coverage will depend on the porosity of the surface, varying from 200-250 sq. ft. per liter on polished surfaces to 75-150 sq. ft. per liter on very porous surfaces. It can be applied both indoors and outdoors so long as there is adequate ventilation. Drying and curing times are relatively short, from 1 hour at 25 degrees C. to 4-5 hours at 5 degrees C. On vertical surfaces that are not subject to wear and tear, AP **Heavy Duty** will protect the surface for 10 years. On high traffic horizontal surfaces up to 5 years. For better performance, suggested to apply yearly on high traffic horizontal surfaces.

TYPICAL PROPERTIES

Appearance	Clear, colorless liquid
Density	0.881 g/ml
pH	4.0-6.0
Water solubility	Not soluble
Active ingredients	~15%

PACKAGING AND HANDLING

Authentic Protection **Heavy Duty** is available in 200 l. drums, 20 l. and 4 l. pails and is stable above freezing. It should be stored in the container provided, or alternatively, an airtight lightproof container. When stored properly, AP **Heavy Duty** has a shelf life of at least one year from the date of production. AP **Heavy Duty** can harm plants and will coat all surfaces to which it is applied. Care should be taken to protect all surfaces not intended to be coated from overspray.