

MT-326

CERAMIC COATING WITH GRAPHENE

DESCRIPTION

Graphene coating is a **new benchmark in advanced surface protection**, combining the proven durability of nano-ceramic beads with the extraordinary strength of graphene. Graphene renowned for being up to 200 times stronger than steel reinforces the coating at the molecular level, enhancing both toughness and longevity. When integrated with our industry-leading formula, the result is one of the most rugged, resilient anti-stick coatings on the market.

TECHNICAL DATA

Vehicle Type		Solvent Based
Pigment Type		Solvent Type
Volume Solids		41% +/- 2%
Recommended film thickness	Wet	1.5 – 2.5 mils
	Dry	1. – 2 mils
Coverage per gallon (3.78 L) at recommended film thickness		14.73 – 19.6 sq. m. (600 – 800 sq. ft./gallon)
Porosity and surface texture will determine volume requirements. Ensure accurate color uniformity and minimize excess paint disposal with accurate volume estimates.		
Dry Time @ 250 C (770 F) @ 50% RH	Tack Free	1 Hour
	To Recoat	5 – 10 minutes
High humidity and cool temperatures will result in longer dry, recoat and service times.		
Dries by		Evaporation
Viscosity (<i>Brookfield Viscometer</i>)		5.20 CP
Flash Point		>170 C (620 F)
Gloss/Sheen	Polished Aluminum	488 Gloss Units @ 600
	Steel	28 Gloss Units @ 600
Surface Temperature at Application	Minimum	40 C (400 F)
	Maximum	270 C (800 F)
Thin with		Not recommended
Clean up with		Solvent Cleaning
Weight per gallon (3.78 L)		3.6 kg (8 lbs.)
Storage Temperature	Minimum	50 C (400 F)
	Maximum	250 C (780 F)
Volatile Organic Chemicals (VOC)		0 grams/liter

■ MIXING RATIO

MT-326 Ceramic coating with Graphene is ready to use. Requires no hardener or reducer.

■ SURFACE PREPARATION

Ensure the surface is Clean/Clayed and dry before application.

■ APPLICATION

- Place a few drops on the applicator and wipe it onto the surface.
 - Allow the product to sit on the surface for approximately 30 seconds.
 - Wipe the surface gently using a clean microfiber towel to remove any excess product.
 - You Can test the hydrophobic reaction after 24 hours from applying.
 - Don't wash before 24 hours from applying (Full cure in 24 hours)
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■ CLEAN UP

Use Urethane Reducer, Lacquer Thinner or zero VOC solvents. (Check local regulations).

■ ENVIRONMENTAL HEALTH & SAFETY INFORMATION

Caution

READ INSTRUCTIONS BEFORE USE

DANGER OF COMBUSTION

Keep away from flames or sparks.

Materials such as rags used with this product may begin to burn by themselves.

After use, put rags in water or lay flat to dry, then discard.

May cause allergic skin reaction.

Do not get on skin or clothing.

Use only in a well-ventilated area. Keep container closed when not in use,

In case of spillage, absorb with inert material and dispose of in accordance with local regulations.

Wash thoroughly after handling.

Protect from freezing.

Refer to Safety Data Sheet for additional health and safety information.

Stir thoroughly.

Behind Masters Touch is an experienced team of chemical engineers and research scientists devoted to making the impossible; POSSIBLE.

Our advanced coatings meet the demanding needs of military contractors, heavy industry and homeowners alike with formulations that push the envelope in creating sustainable, affordable and easy to use products.

WARNING

Although the technical details and recommendations contained in this product data sheet are based on the best of our knowledge and experience, all the above information must be considered as indicative only.

Users must ensure, through prior testing, that MT-326

is suitable for the intended application and site conditions. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

■ LEGAL NOTICE

- The contents of this Technical Data Sheet (TDS) may be copied into another project-related document; however, the resulting document shall not supplement or replace the requirements of the TDS in force at the time of application.
- The most up-to-date TDS can be requested from Masters Touch Global Inc. or downloaded from the official website.
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