

MT-329

PLASTIC RESTORATION & PROTECTION

■ DESCRIPTION

Ceramic Plastic Restoration & Protection is an advanced, long-lasting ceramic-based solution designed to restore, protect, and rejuvenate faded plastic and rubber trims on vehicles — without the need for paint or dye. Engineered with nano-ceramic technology, it penetrates deeply into the surface to bring back the original color and provide a rich, brand new finish.

It forms a durable, hydrophobic coating that not only restores faded plastics but also protects against UV rays, oxidation, and weather damage.

■ LIMITATION

- Apply at temperatures between 100 C – 350 C (500 F to 900 F)
 - Do not apply if within 5 C of Dew Point or if rain is expected within 12 hours
 - Do not apply on wet surface
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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 (Brookfield Viscometer)		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		40 C (400 F)
	Minimum	
	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

■ Product Highlights:

- Restores Original Look Revives dull, faded plastic trims, bumpers, mirrors, and moldings.
 - No Paint or Dye Needed Works by restoring the plastic's natural color and texture.
 - Nano-Ceramic Protection Forms a ceramic layer that bonds with the surface.
 - UV & Oxidation Resistant Prevents future fading caused by sun exposure.
 - Hydrophobic Finish Repels water, dirt, and dust for easier cleaning.
 - Long-Lasting Results Lasts up to 12 months or more, unlike temporary dressings.
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■ APPLICATION

- Clean and dry the surface.
 - Apply a small amount of product to a sponge applicator pad.
 - Work evenly into the plastic surface one way direction with each wiping.
 - Full cure in 24 hours (Don't wash before 24 hours from applying).
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■ 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-329 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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