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TN Aerosol Brushable Titanium Nitride

Solvent-based, Bulk Paint

ZYP Coating's "TN Aerosol Brushable" uses the same liquid/binder system that is used in our aerosol spray cans ... but is in BULK (paint) form, sold by the gallon. The TN Aerosol Brushable can be applied by brushing, traditional air-spraying means, or dipping. Usable in non-air atmospheres to 1600-1900 C (2900-3460 F). TN Aerosol Brushable can be diluted with Acetone for somewhat faster drying or with Ethyl Alcohol for somewhat slower drying.

Key Attributes

- Fast Drying, Solvent Based
- Easy-to use
- Dilutable with Acetone and/or Ethanol
- Apply Like House Paint

Ideal Use

- Electrical/Thermal Conductivity
- Carbon Barrier Layer
- Reactive Molten Metals

Use Notes

1. Resuspend if needed.
2. Clean surfaces to be painted of any oils dirt, scale, etc.
3. Apply one thin layer by brush, dip or air-spray
4. Allow to dry at room temperature. before use. Generally less than 5 minutes. Recoat if needed.

Safety Information

- Consult SDS before use.
- Avoid breathing of vapors.
- For Industrial use only.



Specifications

Active Ingredient	TiN
Max Use Temperature	Air 662 F / 350 C Vac 2912 F / 1600 C Inert 3452 F / 1900 C
Use Atmosphere	All
Fired Composition	>97% TiN
Liquid Carrier	Ethanol/Acetone
Binder Phase	Magnesium Silicate
Brookfield Viscosity (cps)	350-650 @3/60
Specific Gravity	1.3
Color	Golden-Brown
Shelf Life (months)	>12
Coverage (ft ² /gal.)	100-400
H F R Ratings	1-3-0
Substrate Use	All
Other:	Nearly water insoluble after drying Do not exceed 350 C in air with TiN.

Sizes and colors

Product is golden-brown.

Standard Size: 1 gallon Nalgene container

Note: TN Aerosol (spray can) is no longer available

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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