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Z Aerosol Brushable (Zirconium Oxide)

Solvent-based, Bulk Paint -- Same Formulation used in Z-Aerosol can

ZYP Coating's "Z Aerosol Brushable" is the same formulation that is used in our Z Aerosol spraycan ... but is in BULK (paint) form, sold by the gallon. The Z Aerosol Brushable can be applied by brushing, traditional air-spraying means, or dipping. Usable in any environment from room temperature to 1900 C (3450F). Z 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 housepaints

Ideal Use

- Precious metal melting/casting
- Reactive metal separator layer

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	ZrO ₂ *
Max Use Temperature	
Air/Inert/Vac, without C present	3450 F / 1900 C
Vac, with C present	2730 F / 1500 C
Use Atmosphere	All
Fired Composition(Air@700 C)	>98% ZrO ₂ *
Liquid Carrier	Ethanol/Acetone
Binder Phase	Magnesium Silicate
Brookfield Viscosity (cps)	425 @2/60
Specific Gravity	1.5
Color	Cream
Shelf Life (months)	>12
Coverage (ft ² /gal.)	100-400
H F R Ratings	2-3-0
Substrate Use	All
Other:	Nearly water insoluble after drying
	* with 4 wt% CaO

Sizes and colors

Product is cream-colored:
 will gray out on first heat up to 700 C due
 to small amount of organic binder.

Standard Size: 1 gallon Nalgene container

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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