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Y Aerosol Brushable (Yttrium Oxide)

Solvent-based, Bulk Paint -- Same Formulation Used in Y-Aerosol Can

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

- Reducing Friction
- Providing Release
- Barrier 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	Y ₂ O ₃
Max Use Temperature	
Air/Inert/Vac, without C present	3452 F / 1900 C
Vac, with C present	2732 F / 1500 C
Use Atmosphere	All
Fired Composition (Air@700 C)	>98% Y ₂ O ₃
Liquid Carrier	Ethanol/Acetone
Binder Phase	Magnesium Silicate
Brookfield Viscosity (cps)	300-700 @3/60
Specific Gravity	1.3
Color	White
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

Sizes and colors

Product is white:
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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