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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 MSDS before use.
- Avoid breathing of vapors.
- For Industrial use only.



Specifications

| | |
|----------------------------------|-------------------------------------|
| Active Ingredient | Y2O3 |
| 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% Y2O3 |
| 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 wide-mouth
 Nalgene container

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