



VETRO  
POWER

## Technical Data Sheet (TDS)

# Vetro Power CRISTAL Glass Polish Powder

Vetro Power Cristal Glass Polish Powder is a high-purity, ready-to-use inorganic powder supplied in AR (Analytical Reagent) grade.

### PRODUCT DESCRIPTION

Vetro Power Cristal Glass Polish Powder is a professional glass polish powder formulated with optical-grade Cerium Oxide ( $\text{CeO}_2$ ), purity verified to 99.95%. Processed from premium rare-earth sources, it achieves a minimum assay purity of 99.95% with other rare earth oxides strictly limited to below 0.05%. The product works through a chemical-mechanical action, Cerium Oxide reacts with the silica in glass at a microscopic level, gently removing the damaged surface layer and restoring optical clarity. Chemically stable, non-flammable, and non-reactive under normal conditions. Non-toxic, zinc-free formula with no fumes. Safe for all workspaces.

### APPLICATIONS

- Automotive glass, headlights & windscreens
- Architectural & building glass
- Mirrors & shower enclosures
- Glass windows, doors & tables
- Phones, watches gemstones
- Kitchen hobs & oven doors

### KEY FEATURES

- Purity  $\geq 99.95\%$   $\text{CeO}_2$  (AR Grade), verified per batch
- Other rare earth oxides & 0.05%
- Stable, non-flammable, non-reactive under normal conditions
- Insoluble in water
- High melting point ( $2,400^\circ\text{C}$ )
- High density:  $7.132 \text{ g/cm}^3$  at  $25^\circ\text{C}$
- ISO 9001:2015 certified quality
- Not classified as hazardous (CLP/GHS)
- Non-toxic

### DIRECTION FOR USE

1. Mix Cristal powder with water: Create a smooth, consistent slurry
2. Apply slurry to pad: Use a damp felt pad or foam polishing pad to begin
3. Start polishing at low speed: Spread evenly across the surface (500-1,000 RPM)
4. Increase speed and continue polishing: Work in overlapping motions (1,500-2,500 RPM)
5. Keep surface moist throughout: Spray water or add paste if drying. Do not allow compound to dry on glass.
6. Wipe clean and inspect the surface: Check under good lighting. Repeat if required.

### SAFETY INFORMATION

- Ensure good ventilation at all times
- Avoid generating or inhaling dust
- Avoid contact with skin, eyes and clothing
- Use appropriate PPE (see Safety section)
- Do not eat, drink or smoke while handling
- Wash hands thoroughly after handling

### STORAGE CONDITIONS

- Store in a cool, dry, well-ventilated area
- Keep container tightly closed; protect from moisture
- Avoid direct sunlight and air contact
- Keep away from heat sources
- Store in original container material only
- Conditions to avoid: air, sunlight & moisture

**Warning Advice:** We recommend wearing suitable protective clothing. In case of contact with skin, immediately rinse off with water. Do not swallow. Avoid contact with eyes. In case of contact with the eye or mucosa, immediately rinse off with water. In the event of symptoms occurring, seek medical treatment. Keep out of reach of children!

**General advice:** Do not inhale atomised spray and the liquid product.

Zyax Chem PVT LTD is not liable for damages to the product, as a result of dirt entering the bottles and canisters, e.g. after opening the containers. Zyax Chem PVT LTD is also not liable for improper application of the product if the surfaces have been recoated for any reasons, without Zyax Chem PVT LTD's prior written agreement, nor for any damage to or deterioration of the coating system arising from causes beyond the control of Zyax Chem PVT LTD, including but not limited to impact, abrasion, mechanical damage, neglect, malicious damage, fire damage, pollution and abnormal weather conditions, neither for failure associated with exposure of the coatings to abrasive, chemical substances, abrasive scouring, hydrofluoric acid and highly alkaline chemicals such as bleach, potassium hydroxide and sodium hydroxide and/or if the coated surfaces have not been maintained in accordance with the supplier's recommended maintenance procedures. All information is based on today's state-of-the-art technology. As to the above-mentioned information, we do not lay a claim to completeness, these are only to be understood as possible examples for application areas. Due to a large number of surfaces and object conditions, the buyer/user is not relieved of the duty to professionally verify, in his own responsibility, that our materials are suitable for the intended purpose according to the respective object conditions. In all other respects, our general conditions of sale apply. If the new product information is issued the validity of the old version expires.

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