

**XR001****General description:**

XR001 is a solvent free silicone resin. It has a little smoke generation at heating and shows a superior abrasion resistance and temperature resistance.

Features of ambient curable, high abrasion resistance, temperature resistance, and cured to a hard and yet tough and flexible coating film.

**Suggested uses**

The slow ambient cure and bake cure coatings systems have strong chemical resistance and temperature resistance up to 650 °C.

The most important field where heat resistant ceramic paint has been used in the automotive and aircraft industries is to meet exceptionally high standards. These coatings are used for exhaust systems, mufflers and parts close to the engine. The resins are mainly used to formulate coatings for protection and decoration exhaust systems of motor vehicles and engine components. It is also applied to energy infrastructure including wind energy, clean coal, and nuclear energy. Equipment includes heat exchangers, boilers, water heaters, reactors, storage containers.

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The data presented in this leaflet are in accordance with the present state of our knowledge. We reserve the right to alter product parameters within the scope of technical progress or new developments and improvements. The recommendations in this information sheets should be checked by preliminary trials

**Product Data**

- Silicone Content: >95%
- PH: 6.5 – 7.0
- Specific Gravity: 1.12 g/cm<sup>3</sup>
- Viscosity at 25°C LVT2/ 28-35cp)
- Appearance: water clear/colorless liquid
- Resins temperature tolerance 350-400°C

**Packaging**

- 5KG, 20KG, 200KG package, 200ml samples are available

**Storage**

- Store in original sealed containers
- Recommended storage temperature 0-35 °C, the product cannot be stored in extreme conditions, such as hot and wet environments. It should be stored in dry and cool condition.
- Protect from moisture, heat sources and foreign matters, Shelf-life is 24 months under proper storage.

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