

Fentacat F33 catalyst CAS109526-41-1 Solvay

Fentacat F33 is a high performance waterborne acrylic polyurethane topcoat with excellent durability, flexibility and UV resistance linearity. It is used in a variety of applications, including automotive, Marine, and industrial coatings.

Physical and chemical properties

CAS No. : 109526-41-1

Abbreviation: F33

Aliases: Fentacat F33, Fentacat 33, Fentacoat 33

Molecular formula: C₁₆H₂₄O₅

Molecular weight: 288.36 g/mol

Density: 1.05 g/cm³

Flash point: 31 °C (88 °F)

Boiling point: 180 °C (356 °F)

Solubility: Soluble in water, ethanol, acetone

Application

Fentacat F33 can be used in a variety of applications, including:

- Automotive paint: Used to protect and finish car interior and exterior components such as bumpers, fenders, and hoods.
- Marine paint: Used to protect and finish boats, marinas, and other Marine structures.
- Industrial coatings: Used to protect and finish metal products, machinery and other industrial equipment.

Advantages

The Fentacat F33 offers many advantages, including:

- Excellent durability: Fentacat F33 is a very durable coating that can withstand harsh environmental conditions, such as UV radiation, chemicals, and wear and tear.
- Flexibility: Fentacat F33 is a flexible coating that can withstand movement and vibration without cracking or peeling.
- Uv resistance: Fentacat F33 is a UV resistant coating that protects the surface from fading and discoloration.

How to make it

Fentacat F33 is produced through a process called emulsion polymerization. In this process, two or more monomers are mixed together in water and then polymerized

using an initiator. The resulting polymer is then dispersed in water to form an emulsion.

Precautions for use

Fentacat F33 is a hazardous material and should be used with caution. Be sure to follow all safety precautions, including:

- Wear personal protective equipment, such as gloves, goggles, and respirators.
- Work in a well-ventilated area.
- Do not eat, drink, or smoke while using Fentacat F33.
- Wash your hands thoroughly after using Fentacat F33.

For more information about Fentacat F33, see the Product Safety Data Sheet (SDS).



Shelf life:

Remained unopened for two years

Storage and Transportation:

Should be sealed, stored in a dry cool ventilated warehouse

Packing:

200KG/ barrel storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid contact between skin and mucous membrane. Smoking, eating and drinking are prohibited in the workplace. Shower and change after work. Store contaminated clothes separately and use them after washing. Practice good hygiene.

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