

# Gemini<sup>®</sup> Fluoro Surfactant Solvent Based

## Paint Additive BH-83C

### Introduction:

BH-83C is a nonionic paint additive that provides low surface tension in solvent-based paints. It is compatible with most organic solvent-based systems. The low surface tension enables better wetting, spreading, leveling to correct solvent-borne coating defects, such as fisheyes, craters, pinholes and orange peel. When cured into a coating, it provides water and oil repellency, as well as chemical resistance, to the film.

### Typical Properties:

|                          |   |                               |
|--------------------------|---|-------------------------------|
| Ingredient               | —   | Acrylic fluorinated copolymer |
| Appearance               | —   | Amber liquid                  |
| Solid                    | wt%   | 35                            |
| Solvent                  | wt%   | 65                            |
| Flash Point (closed cup) | °C  | 28                            |
| Freezing Point           | °C  | <10                           |
| Density (25 °C)          | g/cm <sup>3</sup>   | 0.97                          |
| Solubility               | Soluble in most ester and petro solvent( Boil Point 150~200°C)<br>Such as: butyl acetate、D40、200#、120# Solvent oil etc. |                               |

### Application:

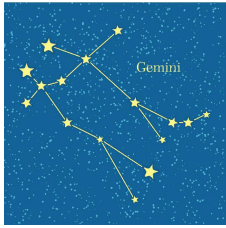
Suggested use rates are 0.05~0.1% wt solid in solvent based paints, make adjustment according to your own recipe

- **Paints and Coatings:** Improve wetting and leveling to eliminate craters, pinholes, fisheyes and orange peel. Improve water and oil repellency of dried film. Compatible with wide range of solvent-based paints, such as alkyd, 1K, and 2K polyurethane systems
- **Waxes and Varnishes :** Improve wetting and leveling. Reduce cratering and other coating defects. Increase surface water and oil repellency. Compatible with many solvent-based waxes and polishes
- **Fluoropolymer and PTFE Dispersion:** Improve dispersion stability

### Attentions:

- . Solid ingredient is safe, however the solvent is Petroleum Products n.o.s 4, it is dangerous, flash point 28°C, it will cause plastic color fade out,
- . During processing, wear protection clothes, be careful of eye、skin contact.
- . Keep the container sealed and store in cool、well ventilated locations.
- . It will have flocculating sediments in low temperature, no worries, please warm up with 40°C hot water and mix well before use.

**Packaging/Transport:** 25Kg steel jug. Classified as dangerous in the meaning of transport regulations.



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