



Chemical Village CO., LTD.

20/2 (B4), Teparak Rd, Bangplee Yai, Bangplee,
Samutprakarn, Thailand 10540

Tel : 66 2757 5290 **Fax :** 66 2757 5292

email : chemicalvillage@hotmail.com **website :** www.chemicalvillage.com

ZINC STEARATE FOR COATING AND PAINT

Description

Zinc stearate for coating and paint, adopting the newest international synthetic, process, absorbing the advantages of zinc stearate abroad, with its characteristic as super fineness, transarence, gooddisperdity, easily polishing, fast drying, easy antifoaming, clearance, the good heat-resistant denaturation, has won customer's and the market's full approval, satisfied customers requirement for products' various performance. All indicators of the product have achieved the international standard, can substitute the imported parts, widely applied in furniture coating, upscale ink automotive coating, ships coating, powder coating, plastic, polymer resin, fiber, paper, cosmetics, powder metallurgy and cement product, etc.

Technique specifications

Name: Zinc stearate

Molecular formula: $Zn (C_{17}H_{35}COO)_2$

Molecular weight: 631

White fine powder, easy absorption of moisture, combustible, slip sense, non-toxic, melting points: $>118^{\circ}C$, insoluble in water, ethanol or ether but soluble in the organic solvents and acids, will be decomposed to stearic acid and zinc salts when reacting with strong acids.



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Item/ Indicator/ Type	TV-P	TV-A
Appearance	White powder	White powder
Melting points(°C)	118-123	116-121
Volatile matter (%)	0.5	< 0.8
Free fatty acid (%)	0.5	< 0.7
Zn (%)	10.5-10.8	10.5-10.8
Heavy metal(PPM)	< 5	< 5
Density	1.09	1.09
Fineness(um)	< 28	< 30
Application scope	Super clear PE/PU and ink.	Upscale PE/PU and ink

Note: Fineness is measured by the laser fineness meter or the scraper degree of fineness

Properties and use instructions of TV series

1. Good transparency. Which can keep the high transparency of the coating;
2. Good fineness, dispersion, and anti-sinking
3. The leveling design makes painting film fine and comfortable;
4. Unique drying and synergetic extinction effect;
5. Unique fineness level design and remarkable grinding-and effect.

Note

- A. **TV-P** is suitable for the upscale piano paint and super clear PE/PU and ink.
- B. **TV-A** is suitable for the wood paint requested for the high transparency, dispersivity and antifoaming.



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Environment and toxicity:

Nontoxic, biolytic; in reference to 21 CFR.863-177, 2600-184, 1229 (USA) or 90/128/EEC (EU)

Date: February 23, 1990 and further revised.

Packing and storage

1. 20kg/bag, the inner packing is PE plastic bag, the outside wrapping is composite kraft paper bag

2. Should storage and transport under shady, cool and ventilated environment; alkali and corrosive substances. Keep it away from the humidity, hotness, fire and corrosion.