

# Touch Chem (M) Sdn Bhd (449639-v)

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## **MAX VOX 2000**

Additives for prevent inner bubble for PU, AC and NC <u>Properties</u>

Active ingredient : High molecular

polymer in DIBK

Flash Point : 47°C

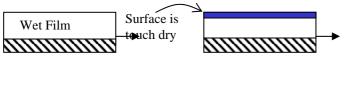
Appearance : Free flow transparent

liquid.

Density :  $0.80 - 0.82 \text{ g/cm}^3$ 

### **Description**

Max Vox 2000 is a special product that develop to prevent inner bubbles for PU, AC and NC. Inner bubbles problem is very common in those paints mentioned and it occur during the drying process of the coating. The main cause for this phenomena can be water in the solvent, silicone additives that added and also from the substrate.



Low ST High ST

Inner bubble

Remark : ST = Surface tension

The lower part that have higher surface tension will move to the upper part that have lower surface tension. Thus with this movement keep on carry on until the stage that the total film is almost dry and I loss it flowability, it can not move any more and a inner bubble is form.

Max Vox 2000 contain special polymer that can prevent the inner bubble to happen during curing process. It suppress the formation of inner bubbles by slowing down the reaction and interaction of water with resin. It also have low surface tension material that work only on the lower part of the film in order to prevent the surface tension gradient that cause by adding silicone. Thus after the paint film is dried, the water containing as well the silicone additives in the coating will not distort the physical appearance of the coating.

The advantages of Max Vox 2000 are as below:

- -Does not have color that influence the final paint color
- -Help in leveling and deareation
- -Low dosage
- -Easy incorporation, can be incorporate in any stage
- -No influence on paint physical and chemical properties

### Recommended For Use

Max Vox 2000 is recommended for all solvents based coating system. It is very easy to use and can be incorporated during grinding as well as after mix. It do not need very high sheer force for incorporation. Thus it make this additive user friendly and can be incorporated in any stage and circumstances.

#### Dosage

1-5% based on total formulation.

## **Storage**

Max Vox 2000 is recommended to store in cool and dry place. Keep out of rain and direct sunlight.

#### **Packaging**

20kg & 170 kg non-returnable metal Container.