NSC-5615

**Features**
NSC-5615 is high hardness coatings with a refractive index of 1.60.
(1) Excellent anti-scratch property
No significant decrease of anti-scratch property during prolonged use
(2) Good finish
Without orange peel skin, crack nor chalking
(3) Excellent weather resistance
Stable more than 120 hrs by QUV test
(4) Relatively long shelf life
Stable more than 3 months in a refrigerator

**Typical applications**
For optical lens (R.I=1.60 :MR,DAP etc.)
For polycarbonate

**NSC-5615 cured film properties**
- Anti-scratch property: no scratch
- Refractive index of cured film: 1.60
- Adhesion (cross cut tape stripping test): 100/100
- Hot water resistance (100 degrees C × 30 min): no change
- Appearance: 100 / 100
- Solvent resistance: no change
- Bayer Ratio: 3.8

**NSC-5615 physical properties**
- % solid: 23 - 28%
- Viscosity (mPa·s): 3 - 7 mPa·S
- Specific gravity: 1.00 - 1.05
- pH: 4 - 5

**Recommended coating procedure**
- Washing: with aqueous neutral detergent solution
- Coating: in ultrasonic bath sonicator
- Pre-curing: 80 ℃ × 10 min
- Curing: 120 ℃ × 60 min
- Cooling: to room temperature

**Applicable thinner**
NSC-TH-28
In the case of loss of low boiling solvents by vaporization. Over dilution may cause undesirable effects.

**Packing**
NSC-5615 18kg UN certified poly-drum

**Storing**
Tightly sealed, store in cool and dark area. Before use, warm to room temperature.

**Cautionary statement**
- Flammable-keep fire away. need appropriate ventilation
- In the case of eye contact, washing with plenty of running water and ask physician immediately.
- In the case of awful feelings caused by inhalation of vapor or accidental ingestion, ask physician immediately.
- In the case of skin contact, washing with plenty of running water immediately.
- If you feel itch or inflammation, ask physician.