NANOCRYL® C 140 shows the highest performance in scratch- and abrasion-resistance without influencing the gloss or transparency of the cured UV-coating.

**KEY BENEFITS**
- highest scratch- and abrasion-resistance
- suitable for all gloss levels
- totally transparent

**EFFECT**
- Scratch- and abrasion resistance
- No decrease of gloss & transparency
- Barrier effect
- Flexibility
- Reduction on cure shrinkage
- Adhesion on glass/aluminium

**SUITABILITY**
- waterborne
- solventborne
- 2-pack 100% radiation-curing
- not suitable
- partly suitable
- suitable

**TYPICAL APPLICATIONS**
- Metal UV-coatings
- Plastic UV-coatings
- Glass UV-coatings
- Wood UV-coatings

**TECHNICAL DATA**
- active matter content: 50 wt-%
- appearance: dear
- base resin: hexanedioldiacrylate (HDDA)
- chemical description: 50 wt.-% 20 nm nano silica particles in hexanedioldiacrylate (HDDA)
- solvent: -
- viscosity at 25 °C: Approx 120 mPas

**RECOMMENDED ADDITION LEVEL**
As supplied calculated on total formulation: 10 - 20 %

**PROCESSING INSTRUCTIONS**
- Addition in delivery form after the grinding stage under stirring for homogenisation.
- Please test ingredients about compatibility.

**HANDLING & STORAGE**
When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture.

**MSDS & REGULATORY INFORMATION**