

# Basic Fact Sheet

## Beyond Paint Coatings Solutions



**Product Name:** NovaCoat-D  
**Standard Articles:** Clearcoat 1 KG (HAC01S19)  
Orange metallic 1 KG (HMM21S21)  
Purple metallic 1 KG (HMM41F21)  
Hardener 1 KG (HEH01F18)

**Technology:**  
Functional Demold Coating

**Chemistry:**  
Highly flexible 2-component, polyurethane based coating

**Characteristics:**  
Package Viscosity: 300-400 mPas (23°C, 1000 1/s, DIN 53019)  
Gloss: glossy to matte surface depending on mold design  
Shelf life: 6 months, unopened at 5-35°C / 40-95°F

**Application:**  
For the use in the in-molding processes of flexible foams, e.g. polyurethane foams

**Product Adjustments:**  
Hardener: HEH01F18  
Mixing ratio by weight: 100 : 55  
Thinner: n-butyl acetate  
Spray viscosity: 200-300 cP (at 23°C)  
Pot-life: ca. 10 min (at 23°C and 50-60% humidity)

Intense agitation (5min stirring with a visible vortex) before use to ensure the intended spray viscosity

**Processing:**  
Mold Temperature 55°C-70°C  
Flash Off conditions: < 90 seconds at 65°C mold temperature with open mold  
Curing conditions: depending on demolding time  
Film build: 20 - 80 µm

Fully automatic application

Equipment recommendation: DESMA FDC-unit

Semi automatic application

Equipment recommendation e.g. 2K dosing unit by POMA

Fully manual application

Equipment recommendation: e.g. SATA HVLP

**Safety Characteristics:**

See the Material Safety Data Sheet.

For further questions, please contact [laura.a.wortmann@basf.com](mailto:laura.a.wortmann@basf.com) in Europe, [lisa.jean.harlow@basf.com](mailto:lisa.jean.harlow@basf.com) in North America or [andy.a.li@basf.com](mailto:andy.a.li@basf.com) in Asia.

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