

chemical description

- base: 1,6-Hexanediol Diacrylate
- nanoparticles: ~ 18-23 wt. %
- appearance: slightly cloudy, pasty liquid
- appearance in cured film (addition of 2 % 1-Hydroxy-cyclohexyl-phenyl-ketone): clear transparent film
- viscosity (22 °C) ~815 mPa*s
- density (22 °C) = 1,10 -1,15 g/cm³
- additive was tested with the Base recipe (Taber-abrasion [CS 10/ 1000 g/ 1000 U])

processing instructions

To be added at any time during the ongoing dispersion process. Stirred up before use.

application

Industrial applications: wood, plastics, metal, mineral surface, glass

special features

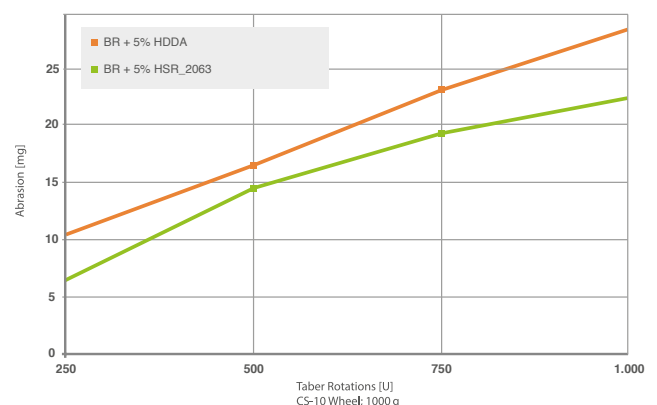
- Improvement of the scratch and abrasion resistance
- the adhesion on difficult substrates is positively influences
- good compatibility in existing formulations

storage stability

If the product is stored in an unopened original packing between 5 - 30 °C, the shelf life is 6 months.

base recipe [br]

component	amount [%]
Reactive diluents	30
Polyurethane-Acrylate 4-fkt.	30
Photoinitiator	4
Defoaming agent	0,5
Flow agent	0,5
TMPTA eg. HSR_2063	5



registration status

The ingredients of HSR_2063 are listed in following chemical inventories:

- Europe (EINECS)
- USA (TSCA)
- China (IECSC)
- Japan (MITI)
- Korea (ECL)