**Issued: 2019 / 09** **Version: 01**

# START FORMULATION
# Aqueous Two-component Epoxy Top Coat, Clear

| | | | | **1.09.001** |
|---|---|---|---|---|
| ***Component A:*** | | | | |
| 1 | Epoxy Resin | ***CeTePox® 245 R*** | CTP AM / Aditya Birla | 40.0 |
| | | | | 40.0 |
| ***Component B:*** | | | | |
| 1 | Curing Agent | ***CeTePox® 2419 H*** | CTP AM / Aditya Birla | 43.5 |
| 2 | Solvent | Butyl diglycol | Various supplier | 1.8 |
| 3 | Defoamer | EFKA® 3570 | BASF SE | 0.3 |
| 4 | Flow additive | Modaflow® AQ 3025 | Allnex Holding S.à r.l. | 0.7 |
| 5 | Dilution | Deionised Water | local | 13.7 |
| | | | | 60.0 |
| | | | Total A+B: | **100.0** |
| ***Component C:*** | | | | |
| 1 | Dilution (viscosity adjustment) | Deionised Water | local | 45.0 |
| | | | | **45.0** |

| ***Technical Data*** | | | |
|---|---|---|---|
| Mixing Ratio (calculated) | Component A : B | by weight | 100 : 150 |
| | Component A + B : C | by weight | 100 : 45 |
| Viscosity (p/p, 100 s-1, @ 25°C) | Component A : B | mPa*s | ~5,000 |
| | Component A + B : C | mPa*s | ~1,500 |
| Practically Usable Pot-life | At 23 °C | Hours | ~2.5 |
| Buchholz-Hardness | At 23°C / 1d / 200µm | | ~54 |
| Early water-spot resistance | At 23°C / 16h | visual | no change |

***Manufacturing Instructions Component B***

Pos. 1: submitted

Pos. 2 to 5: are added one after the other at low stirrer speed and homogenise (appr. 5 min)

After mixing Part A, B and C for approximately 3-5 minutes the formulation is ready for application.

**More Information?**

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