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| Product Code | AKPEROX HC9 |
| Description | Tert-butyl peroxybenzoate, 80% solution with acetyl acetone. |
| Specification; | |
| Density (@20°C) | : 1,030 g/cm ³ |
| Viscosity (@20°C) | : 4 mPa.s |
| Molecular Weight | : 194,2 |
| Appearance | : Clear liquid |
| Active Oxygen Content | : 8,24 % |
| SADT | : 55 °C |
| CAS Nr | : 614-45-9 |
| UN Nr | : 3103 |
| Applications | AKPEROX HC9 has been developed for the cure of unsaturated polyester resins in combination with a cobalt accelerator (AKCOBALT 10%) in the temperature range of 60°C and higher application are for the cure system AKPEROX HC9 plus a cobalt accelerator can be e.g. artificial marble, polymer concrete, filament winding and air drying lacquers. The combination AKPEROX HC9 plus a cobalt accelerator and possibly an amine accelerator like N,N Dimethyl Aniline is also suitable for the ambient temperature cure of vinyl ester resins. AKPEROX HC9 gives a much faster cure in these resins than the commonly applied peroxides AKPEROX LPT. |
| Usage & Amount | Depending on working conditions, AKPEROX HC9 recommended to use %1 – 2. Needs to be used with Cobalt accelerators at room temperature. |
| Packaging | 25 Kgs PE Pails |
| Handling & Storage | Must be kept below 25° C. Keep containers tightly closed. Store and handle in a dry well-ventilated place away from sources of heat or ignition and direct sunlight. Avoid contact with reducing agents, acids, alkalis, heavy metal compounds (accelerators, driers). |
| Shelf Life | 6 Months For unopened packages at recommended storage conditions. |

