

AKPO

**ORGANIC PEROXIDES, INITIATORS
PAINT DRIERS**

PRODUCT RANGE





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AKPA is a global chemical company, and Türkiye's leading chemicals producer is building the future of the chemical industry every day. Deploying a responsible, innovation-based approach, we produce state-of-the-art specialty chemicals that provide customers with practical solutions. AKPA holds leadership positions in the market with a portfolio of internationally recognized brands with one's operations in more than 75 countries, hundreds of employees, and we have the last technological research center. Environment and humans are our inspiration.

AKPA was established in 1997 and specialized in the production of Organic Peroxides, Polymerization Initiators, Accelerators, and Paint Driers. As AKPA, we have our headquarters in İstanbul, Türkiye, and we are carrying out our production operations in our factory located in Tekirdağ. 38.000 m² is closed and 70.000 m² of open field. AKPA was founded on the built up a wealth of expertise, long-term customer partnerships, and earned a place among the leading companies in our industry in terms of financial performance, safety, sustainability, and reliability. AKPA products play an essential role in everyday life for people around the globe. We supply essential chemicals to industries worldwide for the manufacture of products such as paper, plastics, building materials, food, pharmaceuticals, and personal care items.



AKPA has offices and warehouses in central locations in Europe, Asia, and the USA. We have a global investment activity and distribution network products and services are delivered just in time for each country. AKPA's production satisfies our customer's needs by providing them our high-quality products and "tailor-made" products upon customers' special requests.

High-quality products, a dynamic sales team, on-time deliveries, and competitive prices have been AKPA's distinctive advantages. As a gateway to the global world, we would continue to invest in the best people, manufacturing standards, innovation, and distribution channels to always provide you the superior quality.

Research & Development

We have high-technological equipment, know-how, and the best solutions our customers need in our research-development (R&D) and product development (P&D) laboratory. AKPA sets of know-how enable us to offer tailored solutions and unique innovations to the customers in many sectors such as electronics, decorative, industrial paint, construction, aviation, and automotive. Our R&D teams carefully watch market trends and keep on working at putting in place pioneering and sustainable answers. AKPA is involved in many scientific and industrial partnerships, and networks on collaborative projects. Universities and the confederation industry actively work to enrich AKPA R&D with their expertise. We focus on R&D studies with our expert team to meet the satisfaction and needs of our business partners perfectly. We are continuing to make the lives of our users easier with the new products we develop. Attaching importance to human health with our user-friendly Phthalate-free products, AKPA continues its works in this field.



We are working for a sustainable future.

We are supporting youth in the fields of science and technology. With our AKPA Sailing team, we encourage our employees to participate in the sport of sailing and carry out main sponsorship activities in the field of sailing to raise a sailor generation. We cooperate with various universities on production and environmental issues and publish scientific articles. We are working on customer, human and environmental needs with the aim of providing high quality service and always going further to bring an innovative understanding to the sector.

AKPA has driven by technological know-how and an innovative spirit. Our research enables us to create new materials, develop promising solutions, and help shaping a sustainable future. We have significant investments in this field; to leave a cleaner environment for the future, we have started to work on the project of using solar and wind energy, which is the cleanest renewable energy source on earth, in our production. We cooperate with many relevant institutions to combat erosion and afforestation and protect natural assets.



Safety

AKPA Organic Peroxide has ISO 14001, ISO 45001 and ISO 9001 management systems certificates. We have been manufacturing our products according to mentioned standards. This guide is also prepared by safety and logistic professionals working for AKPA company.

The substance of this guideline aids secure approaching and carrying operations of Organic Peroxides in road and sea transport. The specified policies and materials, augmenting to the legal fundamentals, perform the typical methods of the mentors of this model.



Packaging

We offer various packaging options for liquid, powder, and paste forms of AKPA products. AKPA products are packaged as per the appropriate sizes that are regulated by the United Nations based on the hazard classification of the chemical products.

- Packages have “UN Certificates”.
- Depending on the product type, we can provide “ventilated caps”.
- “Jerry taps” can be provided If desired.
- We either use certificated “fumigated wooden pallets” or plastic pallets.

Table 1. Standard packages for Organic Peroxides and Accelerators.*

| | |
|--------------------------------|---|
| Tubes (for paste products) | 15-25-30-40-50-60-75-80-100 gr |
| PE Pails (for liquid products) | 5 (X 4 in carton box)-20-25-30-180-190-200 kg |
| Carton (for powder products) | 20-25 kg |
| IBC | 850-900 kg |

Table 2. Standard packages for Polymerization Initiators.*

| | |
|--------------------------------|-----------------------------------|
| PE Pails (for liquid products) | 5 (X 4 in carton box)-20-25-30 kg |
| Carton (for powder products) | 20-25 kg |
| IBC | 850-900 kg |

Table 3. Standard packages for Paint Driers.

| | |
|------------|--------------------------------|
| PE Pails | 5 (X 4 in carton box)-25-50 kg |
| Metal Drum | 160-180-190-200-225-250-275 kg |
| IBC | 800-850-900-1000-1250 kg |

*Packaging on request available.

While AKPA offers a vast range of packaging, the company is also ready to offer different sizes depending on the customers' needs. To learn more about packaging options, visit our website www.akpakimya.com and review the TDS's of the relevant product.

Organic Peroxides



Organic Peroxides are chemicals which are accelerator or heat activated and regulate unsaturated polyester (UPS) and vinylester resins (VR) gel and curing. AKPA is one of the main global producers of organic peroxides and it has a production of organic peroxide for various materials.

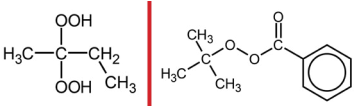
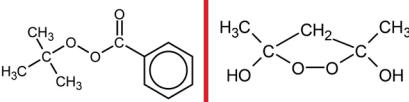
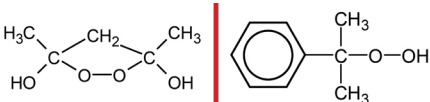
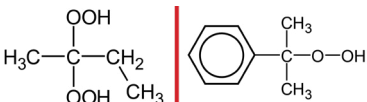
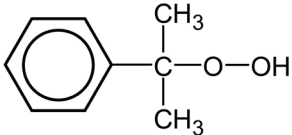
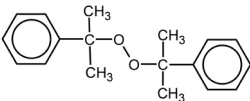
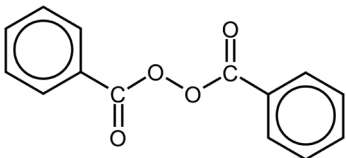
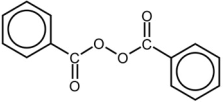


ORGANIC PEROXIDES

| TYPE OF PEROXIDES PRODUCT NAME | CHEMICAL NAME | CAS NUMBER | UN No |
|-----------------------------------|--|------------------------|-------|
| Ketone Peroxides | Methyl Ethyl Ketone Peroxide MEKP | | |
| AKPEROX® A1 | | 1338-23-4 | 3105 |
| AKPEROX® A2 | | 1338-23-4 | 3105 |
| AKPEROX® A10 | | 1338-23-4 | 3105 |
| AKPEROX® A30 | | 1338-23-4 | 3105 |
| AKPEROX® A50 | | 1338-23-4 | 3105 |
| AKPEROX® A60 | | 1338-23-4 | 3105 |
| AKPEROX® A50G | | 1338-23-4 | 3105 |
| AKPEROX® A60G | | 1338-23-4 | 3105 |
| AKPEROX® A5R | | 1338-23-4 | 3105 |
| AKPEROX® A6R | | 1338-23-4 | 3105 |
| AKPEROX® A9CL | | 1338-23-4 | 3105 |
| AKPEROX® A9H | | 1338-23-4 | 3105 |
| AKPEROX® A9LP | | 1338-23-4 | 3105 |
| AKPEROX® A50 PF (phthalate free) | | 1338-23-4 | 3105 |
| AKPEROX® A60 PF (phthalate free) | | 1338-23-4 | 3105 |
| AKPEROX® LPT | | 1338-23-4 | 3105 |
| AKPEROX® LPT-N | | 1338-23-4 | 3105 |
| Ketone Peroxides | Methyl Isobutyl Ketone Peroxide MIKP | | |
| AKPEROX® MIKP | | 37206-20-5 | 3105 |
| AKPEROX® MIKP-S | | 37206-20-5 | 3105 |
| Ketone Peroxides | Acetylacetone Peroxide AAP | | |
| AKPEROX® AAP | | 13784-51-5 | 3105 |
| | | | |
| | | | |
| Blend Type Peroxides | tert-Butyl Peroxy-3,5,5-Trimethylhexanoate and Acetylacetone | | |
| AKPEROX® CS | | 13122-18-4 | 3105 |
| | | | |
| | | | |
| Blend Type Peroxides | tert-Butyl Peroxybenzoate and Acetylacetone | | |
| AKPEROX® HC9 | | 614-45-9; 123-54-6 | 3103 |
| AKPEROX® HC10 | | 614-45-9; 123-54-6 | 3103 |
| AKPEROX® HC75 | | 614-45-9; 123-54-6 | 3105 |
| Blend Type Peroxides | Acetylacetone Peroxide and T-Amyl-Peroxy-3,5,5-Trimethylhexanoate | | |
| AKPEROX® ZZ350 | | 13784-51-5; 68860-54-8 | 3105 |
| | | | |
| | | | |
| Blend Type Peroxides | Methyl Ethyl Ketone Peroxide and Acetylacetone Peroxide | | |
| AKPEROX® ER11 | | 1338-23-4; 13784-51-5 | 3105 |
| AKPEROX® ER14 | | 1338-23-4; 13784-51-5 | 3105 |
| AKPEROX® ER33 | | 1338-23-4; 13784-51-5 | 3105 |
| AKPEROX® ER34 | | 1338-23-4; 13784-51-5 | 3105 |
| AKPEROX® ER37 | | 1338-23-4; 13784-51-5 | 3105 |
| AKPEROX® ER73 | | 1338-23-4; 13784-51-5 | 3105 |

| EINECS/ELINCS No AO (%) | ASSAY (%) | SADT (°C) | DILUENT | PHYSICAL FORM | STORAGE TEMPERATURES | |
|-----------------------------|-----------|-----------|-------------------------|-------------------|-------------------------|--------------------|
| | | | | | Ts max.(°C) | Ts min.(°C) |
| 700-954-4 | | | | | | |
| 9,40 - 9,60 | 33 - 37 | 60 | DMP | Colorless, Liquid | 30 | 5 |
| 8,90 - 9,10 | 33 - 37 | 60 | DMP | Colorless, Liquid | 30 | 5 |
| 9,90 - 10,10 | 34 - 36 | 60 | DMP | Colorless, Liquid | 30 | 5 |
| 5,50 - 5,60 | 15 - 35 | 60 | DMP | Colorless, Liquid | 30 | 5 |
| 8,90 - 9,10 | 30 - 37 | 60 | DMP | Colorless Liquid | 30 | 5 |
| 9,90 - 10,10 | 34 - 36 | 60 | DMP | Colorless, Liquid | 30 | 5 |
| 8,90 - 9,10 | 30 - 37 | 60 | DMP | Colorless, Liquid | 30 | 5 |
| 9,90 - 10,10 | 34 - 36 | 60 | DMP | Colorless, Liquid | 30 | 5 |
| 8,80 - 8,99 | 33 - 37 | 60 | TXIB | Colorless, Liquid | 30 | 5 |
| 9,90 - 10,10 | 33 - 37 | 60 | TXIB | Colorless, Liquid | 30 | 5 |
| 8,80 - 9,00 | 34 - 36 | 65 | TXIB, DMP | Colorless, Liquid | 30 | 5 |
| 8,90 - 9,10 | 34 - 36 | 60 | TXIB, DMP | Colorless, Liquid | 30 | 5 |
| 8,80 - 8,90 | 34 - 36 | 65 | TXIB, DMP | Colorless, Liquid | 30 | 5 |
| 8,90 - 9,10 | 34 - 36 | 60 | Special Mineral Solvent | Colorless, Liquid | 30 | 5 |
| 9,90 - 10,10 | 34 - 36 | 60 | Special Mineral Solvent | Colorless, Liquid | 30 | 5 |
| 8,40 - 8,60 | 34 - 36 | 60 | DIBP | Clear, Liquid | 25 | 5 |
| 8,40 - 8,60 | 34 - 36 | 60 | DINP | Clear, Liquid | 25 | 5 |
| 942-932-9 | | | | | Ts max.(°C) | Ts min.(°C) |
| 10,00 - 10,50 | 43 - 47 | 50 | Isododecane | Colorless, Liquid | 25 | 5 |
| 8,70 - 8,90 | 43 - 47 | 50 | Isododecane | Clear, Liquid | 25 | 5 |
| | | | | | | |
| 237-438-9 | | | | | Ts max.(°C) | Ts min.(°C) |
| 4,00 - 4,20 | 33 - 35 | 60 | Diacetone Alcohol | Colorless, Liquid | 25 | -10 |
| | | | | | | |
| | | | | | | |
| 236-050-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| 6,07 - 6,32 | 87,5 - 91 | 55 | Acetylacetone | Clear, Liquid | 25 | -20 |
| | | | | | | |
| | | | | | | |
| 210-382-2; 204-634-0 | | | | | Ts max.(°C) | Ts min.(°C) |
| 6,51 - 6,68 | 79 - 81 | 55 | Acetylacetone | Clear, Liquid | 30 | 5 |
| 7,34 - 7,51 | 89 - 91 | 60 | Acetylacetone | Clear, Liquid | 30 | 5 |
| 6,10 - 6,27 | 74 - 76 | - | Acetylacetone | Clear, Liquid | 30 | 5 |
| 237-438-9; 431-610-9 | | | | | Ts max.(°C) | Ts min.(°C) |
| 4,20 - 4,40 | - | 52 | - | Colorless, Liquid | 27 | - |
| | | | | | | |
| | | | | | | |
| 700-954-4; 237-438-9 | | | | | Ts max.(°C) | Ts min.(°C) |
| 7,50 - 7,90 | 33 - 35 | - | - | Clear, Liquid | 25 | -10 |
| 6,30 - 6,60 | 33 - 35 | - | - | Clear, Liquid | 25 | -5 |
| 7,60 - 7,90 | 33 - 35 | 55 | - | Clear, Liquid | 25 | -5 |
| 6,50 - 6,80 | 33 - 35 | 55 | - | Clear, Liquid | 25 | -5 |
| 5,50 - 6,50 | 33 - 35 | 55 | - | Clear, Liquid | 25 | -5 |
| 7,50 - 7,80 | 33 - 35 | 55 | - | Clear, Liquid | 25 | -5 |

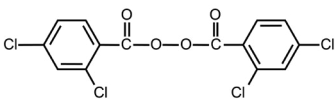
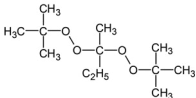
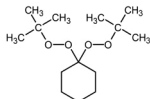
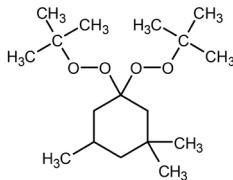
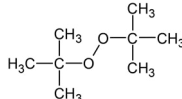
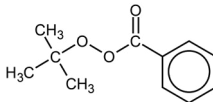
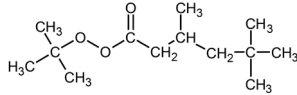
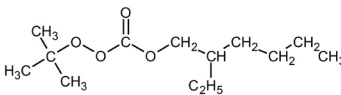
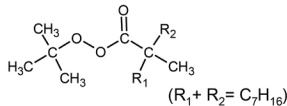
ORGANIC PEROXIDES

| TYPE OF PEROXIDES PRODUCT NAME | CHEMICAL NAME | CAS NUMBER | UN No |
|---|---|----------------------|-------|
| Blend Type Peroxides | tert-Butyl Peroxybenzoate and Methyl Ethyl Ketone Peroxide | | |
| AKPEROX® ER55 |  | 1338-23-4; 614-45-9 | - |
| | | | |
| | | | |
| Blend Type Peroxides | tert-Butyl Peroxybenzoate and Acetylacetone Peroxide | | |
| AKPEROX® ER59 |  | 614-45-9; 13784-51-5 | 3105 |
| AKPEROX® ER60 FW | | 614-45-9; 13784-51-5 | 3105 |
| | | | |
| Blend Type Peroxides | Acetylacetone Peroxide and Cumyl Hydroperoxide | | |
| AKPEROX® CAP33 |  | 13784-51-5; 80-15-9 | 3105 |
| | | | |
| | | | |
| Blend Type Peroxides | Methyl Ethyl Ketone Peroxide and Cumyl Hydroperoxide | | |
| AKPEROX® A249 |  | 1338-23-4; 80-15-9 | 3105 |
| AKPEROX® CMP50 | | 1338-23-4; 80-15-9 | 3105 |
| AKPEROX® CMP75 | | 1338-23-4; 80-15-9 | 3105 |
| Hydroperoxides | Cumyl Hydroperoxide CUHP | | |
| AKPEROX® A239 |  | 80-15-9 | 3109 |
| AKPEROX® C45 | | 80-15-9 | 3109 |
| AKPEROX® C50 | | 80-15-9 | 3109 |
| AKPEROX® C80 | | 80-15-9 | 3109 |
| AKPEROX® C90 | | 80-15-9 | 3109 |
| Dialkyl Peroxides | Dicumyl Peroxide DCP | | |
| AKPEROX® DCP |  | 80-43-3 | 3110 |
| | | | |
| | | | |
| Diacyl Peroxides | Dibenzoyl Peroxide BP | | |
| AKPEROX® BP15 PASTE * |  | 94-36-0 | 3108 |
| AKPEROX® BP17 PASTE | | 94-36-0 | 3108 |
| AKPEROX® BP20 PASTE * | | 94-36-0 | 3108 |
| AKPEROX® BP25 PASTE * | | 94-36-0 | 3108 |
| AKPEROX® BP50 PASTE * | | 94-36-0 | 3108 |
| AKPEROX® BP55 B PASTE * | | 94-36-0 | 3108 |
| AKPEROX® BP50 POWDER | | 94-36-0 | 3106 |
| AKPEROX® BP75 POWDER | | 94-36-0 | 3104 |
| AKPEROX® BP50 PF PASTE (phthalate free) * | | 94-36-0 | 3108 |
| AKPEROX® BP55 PF PASTE (phthalate free) * | | 94-36-0 | 3108 |
| AKPEROX® BP50 PF POWDER (phthalate free) | | 94-36-0 | 3106 |
| Diacyl Peroxides | DiBenzoyl Peroxide BP | | |
| AKPEROX® L40S |  | 94-36-0 | 3107 |
| AKPEROX® L40WE | | 94-36-0 | 3109 |
| | | | |

* Different colors should be produced if requested.

| EINECS/ELINCS No AO (%) | ASSAY (%) | SADT (°C) | DILUENT | PHYSICAL FORM | STORAGE TEMPERATURES | |
|-----------------------------|-------------|-----------|---------------------|----------------------------|-------------------------|--------------------|
| 700-954-4; 210-382-2 | | | | | Ts max.(°C) | Ts min.(°C) |
| 5,40 - 5,80 | - | 60 | - | Clear, Liquid | 25 | 10 |
| | | | | | | |
| | | | | | | |
| 210-382-2; 237-438-9 | | | | | Ts max.(°C) | Ts min.(°C) |
| 3,20 - 3,80 | 25 - 35 | 60 | Diacetone Alcohol | Clear, Liquid | 25 | -5 |
| 4,30 - 4,70 | 25 - 35 | 60 | Diacetone Alcohol | Clear, Liquid | 25 | -5 |
| | | | | | | |
| 237-438-9; 201-254-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| 6,80 - 7,20 | - | 60 | - | Colorless, Liquid | 38 | - |
| | | | | | | |
| | | | | | | |
| 700-954-4; 210-254-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| 8,30 - 8,60 | - | 60 | - | Colorless or Light Yellow | 25 | 5 |
| 7,50 - 8,20 | - | 60 | - | Pale Yellow, Liquid | 30 | 5 |
| 8,70 - 8,90 | - | 60 | - | Pale Yellow, Liquid | 30 | 5 |
| 210-254-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| 4,62 - 4,84 | 44 - 46 | 55 | Etyhl Acetoacetate | Colorless, Liquid | 25 | - |
| 4,73 - 4,94 | 45 - 47 | - | Metyhl Acetoacetate | Clear, Liquid | 30 | - |
| 5,15 - 5,37 | 49 - 51 | - | Metyhl Acetoacetate | Clear, Liquid | 30 | - |
| 8,40 - 8,94 | 80 - 85 | - | Metyhl Acetoacetate | Clear, Liquid | 40 | -30 |
| 9,14 - 9,49 | 87 - 91 | - | Metyhl Acetoacetate | Colorless, Liquid | 40 | -30 |
| 201-279-3 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 5,80 | min. 99 | 80 | - | Crystalline Solid | 38 | 10 |
| | | | | | | |
| | | | | | | |
| 202-237-6 | | | | | Ts max.(°C) | Ts min.(°C) |
| 0,92 - 1,06 | 14 - 16 | 50 | - | Gray and Black, Paste | 30 | 5 |
| 1,06 - 1,19 | 16 - 18 | 50 | - | Gray and Black, Paste | 30 | 5 |
| 1,25 - 1,39 | 19 - 21 | 50 | - | Gray and Black, Paste | 30 | 5 |
| 1,58 - 1,73 | 24 - 26 | 50 | - | Gray and Black, Paste | 30 | 5 |
| 3,23 - 3,38 | 49,0 - 51,0 | 50 | - | Red, Blue and White, Paste | 30 | 5 |
| 3,56 - 3,70 | 54,0 - 56,0 | 50 | - | White, Paste | 30 | 5 |
| 3,23 - 3,38 | 49,0 - 51,0 | 60 | - | White, Powder | 30 | 5 |
| 4,89 - 5,09 | 74 - 77 | 80 | - | White, Powder | 30 | 5 |
| 3,24 - 3,38 | 49,0 - 51,0 | 50 | - | Red, Blue and White, Paste | 30 | 5 |
| 3,56 - 3,70 | 54,0 - 56,0 | 50 | - | White, Paste | 30 | 5 |
| 3,23 - 3,38 | 49,0 - 51,0 | 60 | - | White, Powder | 30 | 5 |
| 202-327-6 | | | | | Ts max.(°C) | Ts min.(°C) |
| 2,57 - 2,71 | 39 - 41 | 50 | - | White, Liquid | 25 | 0 |
| 2,57 - 2,71 | 39 - 41 | 80 | - | White, Suspension | 25 | 0 |
| | | | | | | |

ORGANIC PEROXIDES

| TYPE OF PEROXIDES PRODUCT NAME | CHEMICAL NAME | CAS NUMBER | UN No |
|-----------------------------------|---|-----------------------|-------|
| Diacyl Peroxides | Di(2,4-Dichlorobenzoyl) Peroxide DCLBP | | |
| AKPEROX® DCLBP |  | 133-14-2 | 3106 |
| | | | |
| | | | |
| Peroxyketals | 2,2-Di-(tert-Butylperoxy)-Butane BU | | |
| AKPEROX® BU50 |  | 2167-23-9 | 3103 |
| | | | |
| | | | |
| Peroxyketals | 1,1-Di-(tert-Butyl Peroxy)-Cyclohexane CH | | |
| AKPEROX® CH50 |  | 3006-86-8; 93685-81-5 | 3105 |
| AKPEROX® CH80 | | 3006-86-8; 93685-81-5 | 3103 |
| | | | |
| Peroxyketals | 1,1-Di(tert-Butylperoxy)-3,3,5-Trimethylcyclohexane TMCH | | |
| AKPEROX® PK295 D50 |  | 6731-36-8 | 3107 |
| AKPEROX® PK295 D90 | | 6731-36-8 | 3103 |
| AKPEROX® PK295 S50 | | 6731-36-8 | 3107 |
| AKPEROX® PK295 S75 | | 6731-36-8 | 3103 |
| AKPEROX® PK295 S90 | | 6731-36-8 | 3103 |
| | | | |
| Dye | Peroxide Dye Concentrates DYE | | |
| RED CATALYST DYE | | 92257-31-3; 131-11-3 | - |
| | | | |
| | | | |
| Dialkyl Peroxides | Di-tert-Butyl Peroxide DTBP | | |
| EFOX® 20 |  | 110-05-4 | 3107 |
| EFOX® 20 S50 | | 110-05-4 | 3107 |
| | | | |
| Peroxyesters | tert-Butyl Peroxybenzoate TBPB | | |
| EFOX® 30 |  | 614-45-9 | 3103 |
| | | | |
| | | | |
| Peroxyesters | tert-Butyl Peroxy-3,5,5-Trimethylhexanoate TBPIN | | |
| EFOX® 60 |  | 13122-18-4 | 3105 |
| | | | |
| | | | |
| Peroxyesters | tert-Butyl Peroxy 2-Ethylhexyl Carbonate TBPEHC | | |
| EFOX® 90 |  | 34443-12-4 | 3105 |
| | | | |
| | | | |
| Peroxyesters | tert-Amyl Peroxy 2-Ethylhexyl Carbonate TAPEHC | | |
| EFOX® 131 |  | 70833-40-8 | 3105 |
| | | | |
| | | | |

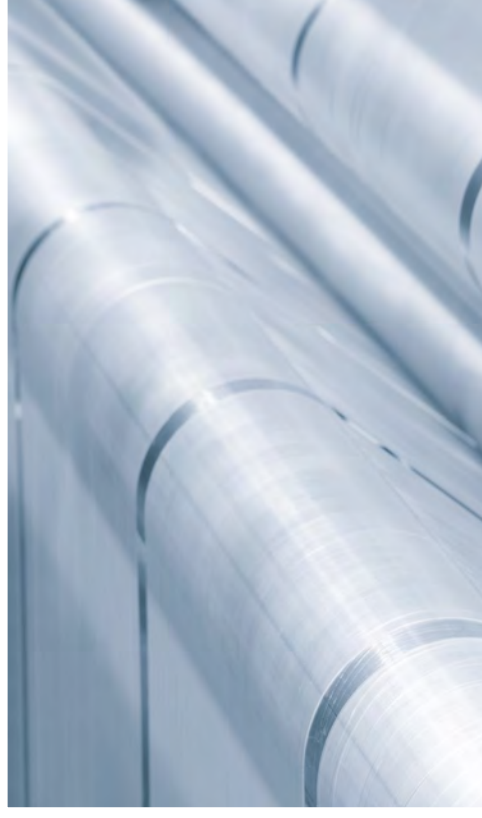
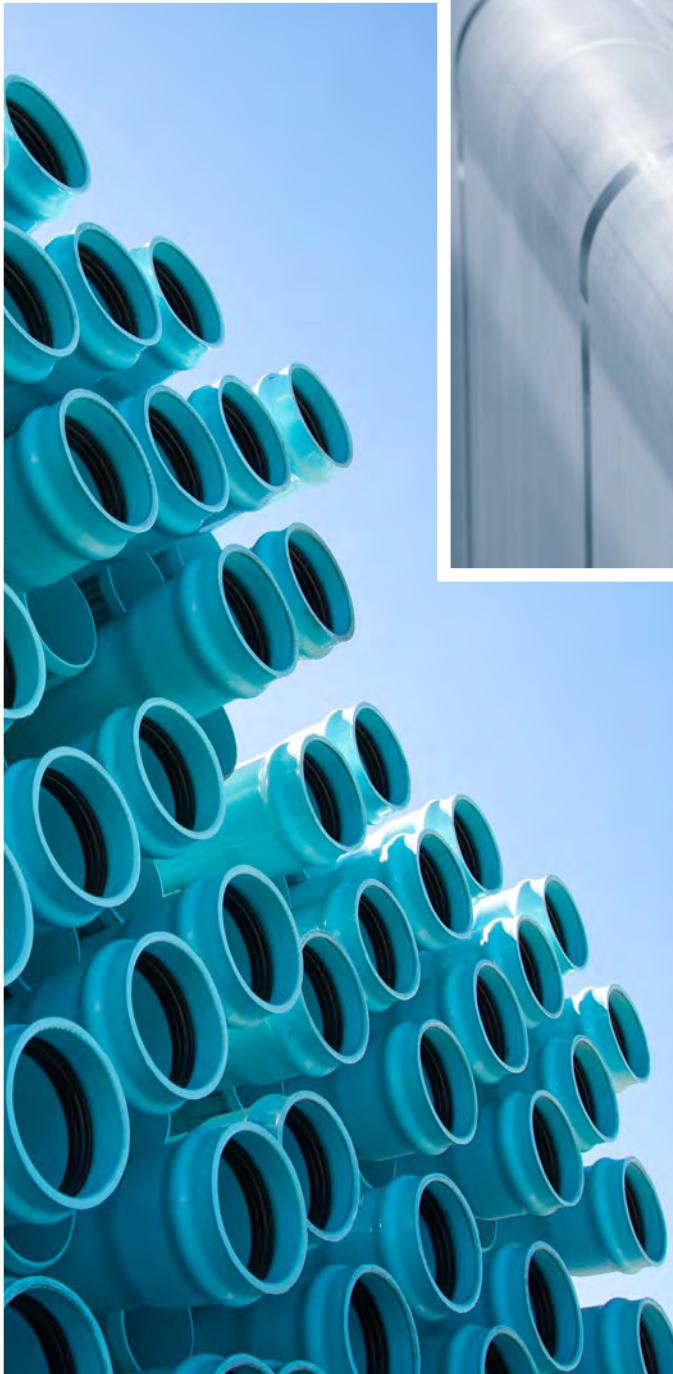
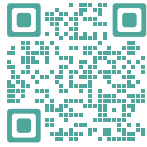
| EINECS/ELINCS No AO (%) | ASSAY (%) | SADT (°C) | DILUENT | PHYSICAL FORM | STORAGE TEMPERATURES | |
|-----------------------------|-----------|-----------|----------------|-------------------|-------------------------|--------------------|
| 205-094-9 | | | | | Ts max.(°C) | Ts min.(°C) |
| 2,06 - 2,19 | 49 - 52 | 60 | Silicone Oil | White, Paste | 30 | 5 |
| | | | | | | |
| | | | | | | |
| 218-507-2 | | | | | Ts max.(°C) | Ts min.(°C) |
| 6,69 - 6,97 | 49 - 51 | 70 | Isododecane | Colorless, Liquid | 30 | -15 |
| | | | | | | |
| | | | | | | |
| 221-111-2; 297-629-8 | | | | | Ts max.(°C) | Ts min.(°C) |
| 6,02 - 6,27 | 49 - 51 | 70 | Isododecane | Clear, Liquid | 25 | 5 |
| 9,70 - 9,96 | 79 - 81 | 60 | Isododecane | Clear, Liquid | 25 | 5 |
| | | | | | | |
| 229-782-3 | | | | | Ts max.(°C) | Ts min.(°C) |
| 5,20 - 5,40 | 49 - 51 | 60 | Mineral Spirit | Clear, Liquid | 25 | - |
| 9,42 - 9,52 | 89 - 90 | 60 | Mineral Spirit | Clear, Liquid | 25 | - |
| 5,20 - 5,40 | 49 - 51 | 60 | Isododecane | Clear, Liquid | 25 | - |
| 7,83 - 8,04 | 74 - 76 | 60 | Isododecane | Clear, Liquid | 25 | - |
| 9,42 - 9,52 | 89 - 90 | 60 | Isododecane | Clear, Liquid | 25 | - |
| 296-120-8; 205-011-6 | | | | | Ts max.(°C) | Ts min.(°C) |
| - | - | - | - | Red, Liquid | 30 | 5 |
| | | | | | | |
| | | | | | | |
| 203-733-6 | | | | | Ts max.(°C) | Ts min.(°C) |
| Min. 10,83 | Min.99 | 80 | - | Clear, Liquid | 40 | -30 |
| Min. 10,83 | Min.99 | 80 | Isododecane | Clear, Liquid | 40 | -30 |
| | | | | | | |
| 210-382-2 | | | | | Ts max.(°C) | Ts min.(°C) |
| Min. 8,07 | Min. 98 | 60 | - | Clear, Liquid | 25 | 10 |
| | | | | | | |
| | | | | | | |
| 236-050-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| Min. 6,73 | Min. 97 | 55 | - | Clear, Liquid | 25 | -20 |
| | | | | | | |
| | | | | | | |
| 252-029-5 | | | | | Ts max.(°C) | Ts min.(°C) |
| Min. 6,17 | Min. 95 | 60 | - | Clear, Liquid | 20 | -20 |
| | | | | | | |
| | | | | | | |
| 247-919-2 | | | | | Ts max.(°C) | Ts min.(°C) |
| Min. 5,77 | Min. 94 | 55 | - | Clear, Liquid | 20 | - |
| | | | | | | |
| | | | | | | |

Applications

| PRODUCT NAME | Putties | Button | Anchor and Bolt | Coating | Gelcoat | Hand Lay Up, Spray Up | Polymer Concrete, Marble | RTM | Centrifugal Casting | Continuous Laminating | Filament Winding | Hot Press Moulding | Pultrusion | Acrylic | Vinylester Resin | SMC, BMC | LDPE | PMMA | Polystyrene | Road Marking | Rubber (ABS & SBR) | PAGE |
|------------------|---------|--------|-----------------|---------|---------|-----------------------|--------------------------|-----|---------------------|-----------------------|------------------|--------------------|------------|---------|------------------|----------|------|------|-------------|--------------|--------------------|------|
| AKPEROX® A1 | | | | | • | • | • | | • | | • | | | | | | | | | | | 8 |
| AKPEROX® A2 | | | | | | • | • | | • | | • | | | | | | | | | | | 8 |
| AKPEROX® A10 | | • | | • | • | • | • | • | • | • | • | | | | • | | | | | | | 8 |
| AKPEROX® A30 | | • | | • | • | • | • | • | • | • | • | | | | • | | | | | | | 8 |
| AKPEROX® A50 | | • | | • | • | • | • | • | • | • | • | | | | • | | | | | | | 8 |
| AKPEROX® A60 | | • | | • | • | • | • | • | • | • | • | | | | • | | | | | | | 8 |
| AKPEROX® A50G | | • | | • | • | • | • | • | • | • | • | | | | • | | | | | | | 8 |
| AKPEROX® A60G | | • | | • | • | • | • | • | • | • | • | | | | • | | | | | | | 8 |
| AKPEROX® A5R | | • | | • | • | • | • | • | • | • | • | | | | • | | | | | | | 8 |
| AKPEROX® A6R | | • | | • | • | • | • | • | • | • | • | | • | | | • | • | | | | | 8 |
| AKPEROX® A9CL | | • | | | • | • | • | • | • | | • | | | | | | | | | | | 8 |
| AKPEROX® A9H | | • | | | • | • | • | • | • | | • | | | | | | | | | | | 8 |
| AKPEROX® A9LP | | • | | | • | • | • | • | • | | • | | | | | | | | | | | 8 |
| AKPEROX® A50 PF | | • | | • | • | • | • | • | • | • | • | | | | • | | | | | | | 8 |
| AKPEROX® A60 PF | | • | | • | • | • | • | • | • | • | • | | | | • | | | | | | | 8 |
| AKPEROX® LPT | | | | | • | • | | • | | | • | | | | • | | | | | | | 8 |
| AKPEROX® LPT-N | | | | | • | • | | • | | | • | | | | • | | | | | | | 8 |
| AKPEROX® MIKP | | • | | | | | | | • | • | • | | • | | • | | | | | | | 8 |
| AKPEROX® MIKP-S | | | | | | | | | | | • | | • | | | | | | | | | 8 |
| AKPEROX® AAP | | | | | • | • | • | • | • | • | • | | | | | | | | | | | 8 |
| AKPEROX® CS | | | | | | | | | | • | • | | | • | | • | • | • | • | | | 8 |
| AKPEROX® HC9 | | | | | | | • | • | • | • | • | | • | | | | | | | | | 8 |
| AKPEROX® HC10 | | | | | | | • | • | • | • | • | | • | | | | | | | | | 8 |
| AKPEROX® HC75 | | | | | | | • | • | • | • | • | | • | | | | | | | | | 8 |
| AKPEROX® ZZ350 | | | | | | | | | • | • | • | | | | | | | | | | | 8 |
| AKPEROX® ER11 | | | | | | | | • | • | • | • | | | | | | | | | | | 8 |
| AKPEROX® ER14 | | | | | | | | • | • | • | • | | | | | | | | | | | 8 |
| AKPEROX® ER33 | | | | | | | | • | • | • | • | | | | | | | | | | | 8 |
| AKPEROX® ER34 | | | | | | | | • | • | • | • | | | | | | | | | | | 8 |
| AKPEROX® ER37 | | | | | | | | • | • | • | • | | | | | | | | | | | 8 |
| AKPEROX® ER73 | | | | | | | | • | • | • | • | | | | | | | | | | | 8 |
| AKPEROX® ER55 | | | | | | | | • | • | • | • | | | | | | | | | | | 10 |
| AKPEROX® ER59 | | | | | | | | • | • | • | • | | | | | | | | | | | 10 |
| AKPEROX® ER60 FW | | | | | | | | • | • | • | • | | | | | | | | | | | 10 |
| AKPEROX® CAP33 | | • | | | | • | • | • | | • | | | | | • | | | | | | | 10 |
| AKPEROX® A249 | | | | | | • | | • | | | • | | | | • | | | | | | | 10 |
| AKPEROX® CMP50 | | | | | • | • | • | • | • | | • | | | | • | | | | | | | 10 |
| AKPEROX® CMP75 | | | | | • | • | • | • | • | | • | | | | • | | | | | | | 10 |

| PRODUCT NAME | Putties | Button | Anchor and Bolt | Coating | Gelcoat | Hand Lay Up, Spray Up | Polymer Concrete, Marble | RTM | Centrifugal Casting | Continuous Laminating | Filament Winding | Hot Press Moulding | Pultrusion | Acrylic | Vinylester Resin | SMC, BMC | LDPE | PMMA | Polystyrene | Road Marking | Rubber (ABS & SBR) | PAGE |
|-------------------------|---------|--------|-----------------|---------|---------|-----------------------|--------------------------|-----|---------------------|-----------------------|------------------|--------------------|------------|---------|------------------|----------|------|------|-------------|--------------|--------------------|------|
| AKPEROX® A239 | | | | ● | | ● | | ● | | | | | | | ● | | | | ● | | | 10 |
| AKPEROX® C45 | | | | ● | | ● | | | | | | | | | ● | | | | ● | | | 10 |
| AKPEROX® C50 | | | | ● | | ● | | | | | | | | | ● | | | | ● | | | 10 |
| AKPEROX® C80 | | | | ● | | ● | | | | | | | | | ● | | | | ● | | | 10 |
| AKPEROX® C90 | | | | ● | | ● | | | | | | | | | ● | | | | ● | | | 10 |
| AKPEROX® DCP | | | | | | | | | | | | | ● | | | ● | | | | | ● | 10 |
| AKPEROX® BP15 PASTE | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® BP17 PASTE | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® BP20 PASTE | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® BP25 PASTE | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® BP50 PASTE | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® BP55 B PASTE | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® BP50 POWDER | ● | | ● | | | | | | | | | | | | | | | | | ● | | 10 |
| AKPEROX® BP75 POWDER | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® BP50 PF PASTE | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® BP55 PF PASTE | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® BP50 PF POWDER | ● | | ● | | | | | | | | | | | | | | | | | | | 10 |
| AKPEROX® L40S | ● | | ● | | ● | ● | ● | | | | ● | ● | | ● | ● | | | | | ● | | 10 |
| AKPEROX® L40WE | ● | | ● | | ● | ● | ● | | | | ● | ● | | ● | ● | | | | | | | 10 |
| AKPEROX® DCLBP | | | | | | | | | | | | | | | | | | | | | ● | 12 |
| AKPEROX® BU50 | | | | | | | | | | | | | | ● | | | | ● | ● | | | 12 |
| AKPEROX® CH50 | | ● | | ● | ● | ● | ● | ● | ● | ● | ● | | ● | | | ● | ● | | | | | 12 |
| AKPEROX® CH80 | | ● | | ● | ● | ● | ● | ● | ● | ● | ● | | | | | ● | | | | | | 12 |
| AKPEROX® PK295 D50 | | | | | | | | | | | | ● | ● | | | ● | ● | | | | | 12 |
| AKPEROX® PK295 D90 | | | | | | | | | | | | ● | ● | | | ● | ● | | | | | 12 |
| AKPEROX® PK295 S50 | | | | | | | | | | | | ● | ● | | | ● | ● | | | | | 12 |
| AKPEROX® PK295 S75 | | | | | | | | | | | | ● | ● | | | ● | ● | | | | | 12 |
| AKPEROX® PK295 S90 | | | | | | | | | | | | ● | ● | | | ● | ● | ● | ● | | | 12 |
| RED CATALYST DYE | | | | | | | | | | | | | | | | | | | | | | 12 |
| EFOX® 20 | | | | ● | | | | | | | | | | ● | | | ● | | | | ● | 12 |
| EFOX® 20 S50 | | | | | | | | | | | | | | ● | | | | | | | ● | 12 |
| EFOX® 30 | | | | | | | | | | | | ● | ● | | ● | ● | ● | | ● | | ● | 12 |
| EFOX® 60 | | | | | | | | | | | ● | ● | ● | ● | | ● | ● | ● | ● | | | 12 |
| EFOX® 90 | | | ● | | | | ● | | | | | ● | ● | | ● | ● | ● | ● | ● | | | 12 |
| EFOX® 131 | | | | | | | | | | | | | | | | ● | | | ● | | | 12 |

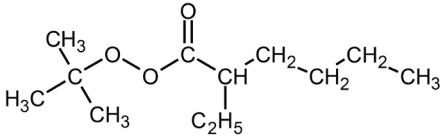
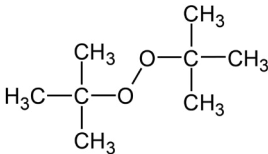
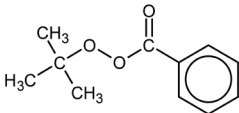
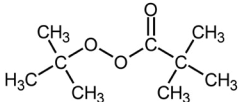
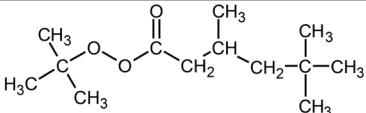
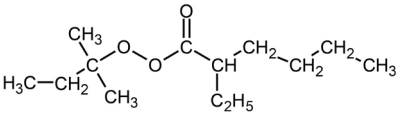
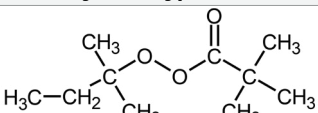
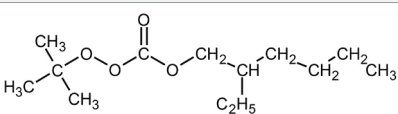
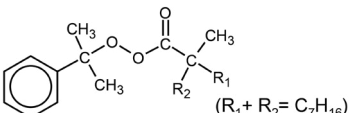
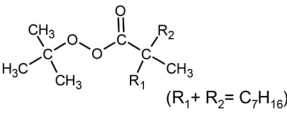
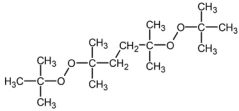
Polymerization Initiators



AKPA is one of the leading manufacturers supplying reaction and polymerization initiators to producers in the petrochemical industry. Except for its wide range of products, by producing high quality and high-tech productions in the values demanded by customers, it contributes largely to the sector.

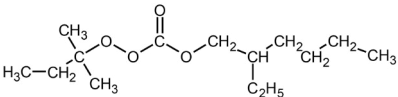
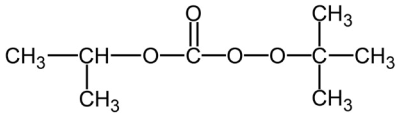
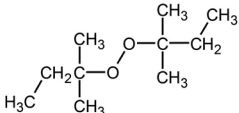
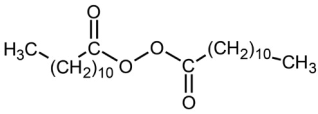
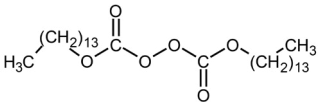
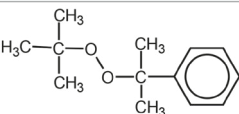
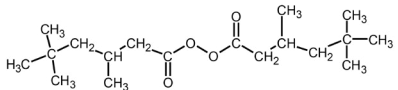
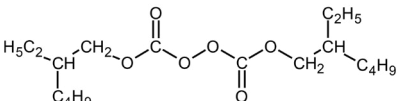
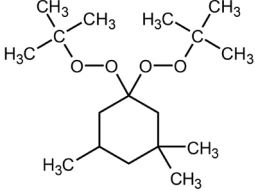
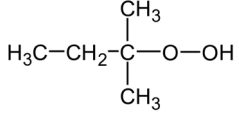
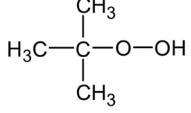


POLYMERIZATION INITIATORS

| TYPE OF INITIATORS PRODUCT NAME | CHEMICAL NAME | CAS NUMBER | UN No |
|------------------------------------|---|------------|-------|
| Peroxyesters | tert-Butylperoxy-2-Ethylhexanoate TBPEH | | |
| EFOX® 10 |  | 3006-82-4 | 3113 |
| EFOX® 10 S30 | | 3006-82-4 | 3119 |
| EFOX® 10 S50 | | 3006-82-4 | 3119 |
| EFOX® 10 S90 | | 3006-82-4 | 3113 |
| Dialkyl Peroxides | Di-tert-Butyl Peroxide DTBP | | |
| EFOX® 20 |  | 110-05-4 | 3107 |
| EFOX® 20 S30 | | 110-05-4 | 3109 |
| EFOX® 20 S50 | | 110-05-4 | 3109 |
| EFOX® 20 S500 | | 110-05-4 | 3107 |
| Peroxyesters | tert-Butyl Peroxybenzoate TBPB | | |
| EFOX® 30 |  | 614-45-9 | 3103 |
| | | | |
| | | | |
| Peroxyesters | tert-Butyl Peroxypivalate TBPP | | |
| EFOX® 50 |  | 927-07-1 | 3113 |
| EFOX® 50 S25 | | 927-07-1 | 3119 |
| | | | |
| Peroxyesters | tert-Butyl Peroxy-3,5,5-Trimethylhexanoate TBPIN | | |
| EFOX® 60 |  | 13122-18-4 | 3105 |
| EFOX® 60 S30 | | 13122-18-4 | 3109 |
| | | | |
| Peroxyesters | tert-Amyl Peroxy-2-Ethylhexanoate TAPEH | | |
| EFOX® 70 |  | 686-31-7 | 3115 |
| | | | |
| | | | |
| Peroxyesters | tert-Amyl Peroxypivalate TAPP | | |
| EFOX® 80 |  | 29240-17-3 | 3113 |
| | | | |
| | | | |
| Peroxyesters | tert-Butyl Peroxy 2-Ethylhexyl Carbonate TBPEHC | | |
| EFOX® 90 |  | 34443-12-4 | 3105 |
| | | | |
| | | | |
| Peroxyesters | Cumyl Peroxyneodecanoate CUPND | | |
| EFOX® 99 S75 |  | 26748-47-0 | 3115 |
| | | | |
| | | | |
| Peroxyesters | tert-Butyl Peroxyneodecanoate TBPND | | |
| EFOX® 100 |  | 26748-41-4 | 3115 |
| EFOX® 100 S75 | | 26748-41-4 | 3115 |
| | | | |
| Dialkyl Peroxides | 2,5-Dimethyl-2,5-Di(tert-Butylperoxy)Hexane DHBP | | |
| EFOX® 101 |  | 78-63-7 | 3103 |
| | | | |
| | | | |

| EINECS/ ELINCS No AO (%) | ASSAY (%) | SADT (°C) | DILUENT | PHYSICAL FORM | STORAGE TEMPERATURES | |
|--------------------------------|-----------|-----------|-------------|-------------------|-------------------------|--------------------|
| 221-110-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 7,18 | min. 99 | 35 | - | Clear, Liquid | 10 | -30 |
| 2,15 - 2,30 | 29 - 31 | 25 | Isododecane | Clear, Liquid | 10 | - |
| 3,55 - 3,70 | 48 - 50 | 40 | Isododecane | Clear, Liquid | 10 | -30 |
| 6,44 - 6,69 | 87 - 91 | 35 | Isododecane | Clear, Liquid | 15 | -20 |
| 203-733-6 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 10,83 | min. 99 | 80 | - | Clear, Liquid | 40 | -30 |
| 3,17 - 3,39 | 29 - 31 | 80 | Isododecane | Clear, Liquid | 40 | -30 |
| 5,36 - 5,38 | 49 - 51 | 80 | Isododecane | Clear, Liquid | 40 | -30 |
| min. 10,83 | min. 99 | 80 | - | Clear, Liquid | 40 | -30 |
| 210-382-2 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 8,07 | min. 98 | 60 | - | Clear, Liquid | 25 | 10 |
| | | | | | | |
| | | | | | | |
| 213-147-2 | | | | | Ts max.(°C) | Ts min.(°C) |
| 6,79 - 6,98 | 74 - 76 | 20 | - | Colorless, Liquid | -5 | -15 |
| 2,20 - 2,36 | 24 - 26 | 25 | Isododecane | Clear, Liquid | -5 | -20 |
| | | | | | | |
| 236-050-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 6,73 | min. 97 | 55 | - | Clear, Liquid | 25 | -20 |
| 2,02 - 2,16 | 29 - 31 | 55 | Isododecane | Clear, Liquid | 25 | -20 |
| | | | | | | |
| 211-687-3 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 6,60 | min. 95 | 35 | - | Clear, Liquid | 5 | -20 |
| | | | | | | |
| | | | | | | |
| 64741-65-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| 6,29 - 6,46 | 74 - 76 | 25 | - | Clear, Liquid | -10 | -30 |
| | | | | | | |
| | | | | | | |
| 252-029-5 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 6,17 | min. 95 | 60 | - | Clear, Liquid | 20 | -20 |
| | | | | | | |
| | | | | | | |
| 247-956-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| 3,86 - 3,97 | 74 - 76 | 10 | Isododecane | Clear, Liquid | -20 | - |
| | | | | | | |
| | | | | | | |
| 247-955-1 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 6,29 | min. 96 | 15 | - | Clear, Liquid | -10 | -20 |
| 4,84 - 4,98 | 74 - 76 | 20 | Isododecane | Clear, Liquid | -10 | -20 |
| | | | | | | |
| 201-128-1 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 10,14 | min. 92 | 80 | - | Clear, Liquid | 40 | 10 |
| | | | | | | |
| | | | | | | |

POLYMERIZATION INITIATORS

| TYPE OF INITIATORS PRODUCT NAME | CHEMICAL NAME | CAS NUMBER | UN No |
|------------------------------------|---|------------|-------|
| Peroxyesters | tert-Amylperoxy 2-Ethylhexyl Carbonate TAPEHC | | |
| EFOX® 131 |  | 70833-40-8 | 3105 |
| | | | |
| | | | |
| Peroxyesters | tert-Butyl Peroxy Isopropyl Carbonate TBPIC | | |
| EFOX® BPIC S75 |  | 2372-21-6 | 3103 |
| | | | |
| | | | |
| Dialkyl Peroxides | Di-tert-Amyl Peroxide DTAP | | |
| EFOX® DTAP |  | 10508-09-5 | 3107 |
| EFOX® DTAP S85 | | 10508-09-5 | 3107 |
| | | | |
| Diacyl Peroxides | Di Lauroyl Peroxide LP | | |
| EFOX® LP |  | 105-74-8 | 3106 |
| EFOX® LP Special | | 105-74-8 | 3106 |
| | | | |
| Peroxydicarbonates | Di-Myristyl Peroxydicarbonate MYPC | | |
| EFOX® MyPC |  | 53220-22-7 | 3116 |
| | | | |
| | | | |
| Dialkyl Peroxides | tert-Butyl Cumyl Peroxide TBCUP | | |
| EFOX® T801 |  | 3457-61-2 | 3109 |
| | | | |
| | | | |
| Diacyl Peroxides | Di(3,5,5-trimethylhexanoyl) Peroxide INP | | |
| AKPEROX® CAT K |  | 3851-87-4 | 3115 |
| AKPEROX® CAT K S50 | | 3851-87-4 | 3119 |
| AKPEROX® CAT K W50 | | 3851-87-4 | 3119 |
| Percarbonates | Di(2-ethylhexyl) Peroxydicarbonate EHPC | | |
| AKPEROX® EHP60 |  | 16111-62-9 | 3119 |
| AKPEROX® EHP65 | | 16111-62-9 | 3115 |
| AKPEROX® EHP75W | | 16111-62-9 | 3115 |
| Peroxyketals | 1,1-Di(tert-Butylperoxy)-3,3,5-Trimethylcyclohexane TMCH | | |
| AKPEROX® PK295 D50 |  | 6731-36-8 | 3107 |
| AKPEROX® PK295 D90 | | 6731-36-8 | 3103 |
| AKPEROX® PK295 S50 | | 6731-36-8 | 3107 |
| AKPEROX® PK295 S75 | | 6731-36-8 | 3103 |
| AKPEROX® PK295 S90 | | 6731-36-8 | 3103 |
| Hydroperoxides | tert-Amyl Hydroperoxide TAHP | | |
| AKPEROX® TAHP 85 |  | 3425-61-4 | 3107 |
| | | | |
| | | | |
| Hydroperoxides | tert-Butyl Hydroperoxide TBHP | | |
| AKPEROX® TBHP 70 |  | 75-91-2 | 3109 |
| AKPEROX® TBHP 80 | | 75-91-2 | 3103 |
| | | | |

| EINECS/ ELINCS No AO (%) | ASSAY (%) | SADT (°C) | DILUENT | PHYSICAL FORM | STORAGE TEMPERATURES | |
|--------------------------------|-----------|-----------|--------------------|------------------------------|-------------------------|--------------------|
| 274-919-2 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 5,77 | min. 94 | 55 | - | Clear, Liquid | 20 | - |
| | | | | | | |
| | | | | | | |
| 219-143-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| 6,72 - 6,90 | 74 - 76 | 70 | Isododecane | Clear, Liquid | 25 | -20 |
| | | | | | | |
| | | | | | | |
| 234-042-8 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 8,90 | min. 97 | 80 | - | Colorless, Liquid | 30 | - |
| min. 7,81 | min. 85 | 80 | - | Yellowish, Liquid | 30 | - |
| | | | | | | |
| 203-326-3 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 3,93 | min. 98 | 50 | - | White, Flakes | 30 | - |
| min. 3,97 | min. 99 | 50 | - | White, Powder | 30 | - |
| | | | | | | |
| 258-436-4 | | | | | Ts max.(°C) | Ts min.(°C) |
| min. 2,95 | min. 95 | 35 | - | White, Greasy Flakes | 15 | - |
| | | | | | | |
| | | | | | | |
| 222-389-8 | | | | | Ts max.(°C) | Ts min.(°C) |
| 7,22 - 7,39 | 94 - 96 | 80 | - | Clear, Liquid | 40 | - |
| | | | | | | |
| | | | | | | |
| 223-356-0 | | | | | Ts max.(°C) | Ts min.(°C) |
| 3,76 - 3,88 | 74 - 76 | 10 | Isododecane | Clear, Liquid | -5 | -10 |
| 2,50 - 2,60 | 49 - 51 | | Isododecane | Clear, Liquid | 5 | -5 |
| 2,50 - 2,60 | 49 - 51 | 25 | Water and Methanol | White, Liquid Emulsion | 0 | -22 |
| 240-282-4 | | | | | Ts max.(°C) | Ts min.(°C) |
| 2,68 - 2,86 | 58 - 62 | 0 | Water and Methanol | White, Liquid Emulsion | -15 | - |
| 2,91 - 3,09 | 63 - 67 | 5 | Mineral Spirit | Clear, Liquid | -15 | - |
| 3,41 - 3,51 | 74 - 76 | 5 | Mineral Spirit | Clear, Liquid | -15 | -25 |
| 229-782-3 | | | | | Ts max.(°C) | Ts min.(°C) |
| 5,20 - 5,40 | 49 - 51 | 60 | Mineral Spirit | Clear, Liquid | 25 | - |
| 9,42 - 9,52 | 89 - 90 | 60 | Mineral Spirit | Clear, Liquid | 25 | - |
| 5,20 - 5,40 | 49 - 51 | 60 | Isododecane | Clear, Liquid | 25 | - |
| 7,83 - 8,04 | 74 - 76 | 60 | Isododecane | Clear, Liquid | 25 | - |
| 9,42 - 9,52 | 89 - 90 | 60 | Isododecane | Clear, Liquid | 25 | - |
| 222-321-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| 12,80 - 13,10 | 84 - 86 | 80 | Water | Clear to Slight Hazy, Liquid | 30 | - |
| | | | | | | |
| | | | | | | |
| 200-915-7 | | | | | Ts max.(°C) | Ts min.(°C) |
| 12,26 - 12,63 | 69 - 71 | 80 | Water | Clear to Slight Hazy, Liquid | 30 | 0 |
| 14,04 - 14,40 | 79 - 81 | 80 | Water | Clear to Slight Hazy, Liquid | 30 | 0 |
| | | | | | | |

Applications

POLYMERIZATION INITIATORS

| PRODUCT NAME | Anchor and Bolt | Coating | Polymer Concrete, Marble | Continuous Laminating | Filament Winding | Hot Press Moulding | Pultrusion | Acrylic | Vinylester Resin | SMC, BMC | LDPE | PMMA | POLYSTYRENE | PVC | Rubber (ABS & SBR) | EVA, POE | PAGE |
|--------------------|-----------------|---------|--------------------------|-----------------------|------------------|--------------------|------------|---------|------------------|----------|------|------|-------------|-----|--------------------|----------|------|
| EFOX® 10 | | ● | | | | | ● | ● | | ● | ● | ● | | ● | | | 18 |
| EFOX® 10 S30 | | | | | | | | | | | ● | | | | | | 18 |
| EFOX® 10 S50 | | ● | | | | | ● | ● | | ● | | ● | | ● | | | 18 |
| EFOX® 10 S90 | | | | | | | ● | ● | | ● | | | | | | | 18 |
| EFOX® 20 | | ● | | | | | | ● | | | ● | | | | ● | | 18 |
| EFOX® 20 S30 | | | | | | | | | | | ● | | | | ● | | 18 |
| EFOX® 20 S50 | | ● | | | | | ● | ● | ● | | ● | | | | ● | | 18 |
| EFOX® 20 S500 | | ● | | | | | ● | ● | ● | | ● | | | | ● | | 18 |
| EFOX® 30 | | | | | | ● | ● | | ● | ● | | | ● | | ● | | 18 |
| EFOX® 50 | | | | | | | | ● | | | ● | | | ● | | | 18 |
| EFOX® 50 S25 | | | | | | | | | | | ● | | | | | | 18 |
| EFOX® 60 | | | | | ● | ● | ● | ● | | ● | ● | ● | ● | | | | 18 |
| EFOX® 60 S30 | | | | | | | | | | | ● | | | | | | 18 |
| EFOX® 70 | | | | | | ● | ● | | ● | ● | ● | ● | ● | ● | | | 18 |
| EFOX® 80 | | | | | | | | | | | ● | | | ● | | | 18 |
| EFOX® 90 | ● | | ● | | | ● | ● | | ● | ● | ● | ● | ● | | | ● | 18 |
| EFOX® 99 S75 | | | | | | | | | | | ● | | | ● | | | 18 |
| EFOX® 100 | | | | | | | | | | | ● | | | ● | | | 18 |
| EFOX® 100 S75 | | | | | | | | | | | ● | | | ● | | | 18 |
| EFOX® 101 | | | | | | | | | ● | ● | ● | | | ● | ● | ● | 18 |
| EFOX® 131 | | | | | | | | | | | ● | | ● | | | ● | 20 |
| EFOX® BPIC S75 | | | | ● | | ● | ● | | ● | | | | | | | | 20 |
| EFOX® DTAP | | ● | | | | | | ● | | | | | | | | | 20 |
| EFOX® DTAP S85 | | ● | | | | | | ● | | | | | | | | | 20 |
| EFOX® LP | | | | | | | | ● | | | ● | ● | ● | ● | | | 20 |
| EFOX® LP Special | | | | | | | | ● | | | ● | | | ● | | | 20 |
| EFOX® MyPC | | | | | | | | | | | | | | ● | | | 20 |
| EFOX® T801 | | | | | | | | ● | | | ● | | | | ● | | 20 |
| AKPEROX® CAT K | | | | | | | | | | | ● | | | ● | | | 20 |
| AKPEROX® CAT K S50 | | | | | | | | | | | ● | | | ● | | | 20 |
| AKPEROX® CAT K W50 | | | | | | | | | | | ● | | | ● | | | 20 |
| AKPEROX® EHP60 | | | | | | | | | | | ● | | ● | | | | 20 |
| AKPEROX® EHP65 | | | | | | | | | | | | | ● | | | | 20 |
| AKPEROX® EHP75W | | | | | | | | | | | ● | | ● | | | | 20 |
| AKPEROX® PK295 D50 | | | | | | ● | ● | | | ● | ● | | | | | | 20 |
| AKPEROX® PK295 D90 | | | | | | ● | ● | | | ● | ● | | | | | | 20 |
| AKPEROX® PK295 S50 | | | | | | ● | ● | | | ● | ● | | | | | | 20 |
| AKPEROX® PK295 S75 | | | | | | ● | ● | | | ● | ● | | | | | | 20 |
| AKPEROX® PK295 S90 | | | | | | ● | ● | | | ● | ● | ● | ● | | | | 20 |
| AKPEROX® TAHP 85 | | | | | | | | | | | | ● | ● | | | | 20 |
| AKPEROX® TBHP 70 | | | | | | | ● | | ● | | ● | | | | | | 20 |
| AKPEROX® TBHP 80 | | | | | | | ● | | ● | | ● | | | | | | 20 |



Recommended application



Possible application

PETROCHEMICAL APPLICATIONS



EFOX 30



EFOX 20



EFOX 10



EFOX 90



EFOX 10



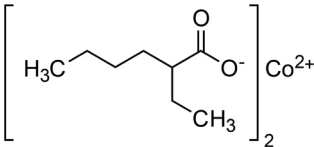
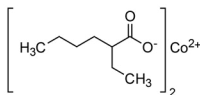
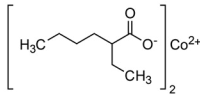
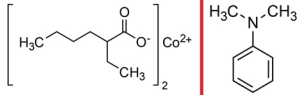
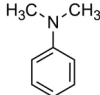
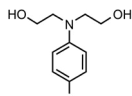


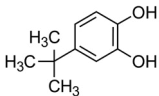
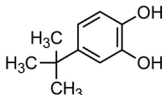
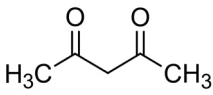
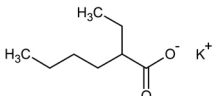
Accelerators



Accelerators are chemicals that activate the peroxide. Most of the cobalt and amine-based accelerator activate the peroxide at room temperature or lower temperatures.



ACCELERATORS

| TYPE OF ACCELERATORS PRODUCT NAME | CHEMICAL NAME | CAS NUMBER |
|--|--|----------------------|
| Cobalt | Cobalt(II) 2-Ethylhexanoate Co | |
| AKCOBALT® 12%, 10%, 8%, 6%, 4%, 2%, 1%, 0,5% |  | 136-52-7 |
| AKCOBALT® KXC6 | | 136-52-7 |
| AKCOBALT® KXC8 | | 136-52-7 |
| AKCOBALT® KXC10W | | 136-52-7 |
| AKCOBALT® KXC12W | | 136-52-7 |
| AKCOBALT® SR6 | | 136-52-7 |
| Cobalt | Cobalt(II) 2-Ethylhexanoate Co | |
| AKCOBALT® CX60-D |  | 136-52-7; 64742-48-9 |
| | | |
| | | |
| Cobalt | Cobalt(II) 2-Ethylhexanoate Co | |
| AKCOBALT® RC88 (colorless cobalt) |  | 136-52-7 |
| | | |
| | | |
| Blend Type Accelerator | Cobalt(II) 2-Ethylhexanoate and N,N Dimethylaniline | |
| AKCOBALT® DX3 |  | 136-52-7; 121-69-7 |
| | | |
| | | |
| Aniline | N,N Dimethylaniline DMA | |
| AKQUICK® T10 |  | 121-69-7 |
| AKQUICK® T100 | | 121-69-7 |
| | | |
| Toluidine | Diethanol-Para-Toluidine DEPT | |
| AKQUICK® T150 |  | 3077-12-1 |
| | | |
| | | |
| Toluidine | N,N-Dimethyl-P-Toluidine DMPT | |
| AKQUICK® T300 |  | 99-97-8 |
| | | |
| | | |
| Toluidine | Diisopropanol-P-Toluidine DIIPT | |
| AKQUICK® T400 |  | 38668-48-3 |
| | | |
| | | |
| - | 4-tert-Butyl-1,2-Dihydroxy Benzene TBC | |
| AKQUICK® T500 |  | 98-29-3 |
| | | |
| | | |
| - | 4-tert-Butylpyrocatechol TBC | |
| AKPEROX® TBC |  | 98-29-3 |
| | | |
| | | |
| - | Acetylacetone AA | |
| AKPROMOTER P100 |  | 123-54-6 |
| | | |
| | | |
| Potassium Octoate | Potassium Octoate K | |
| AKDRY® K Octoate 15% |  | 3164-85-0 |
| | | |
| | | |

| UN No | EINECS/ ELINCS No | DILUENT | PHYSICAL FORM | STORAGE TEMPERATURES | |
|-------|----------------------|--------------------------------|---|-------------------------|-------------|
| | | | | Ts max.(°C) | Ts min.(°C) |
| 1993 | 205-250-6 | Styrene, Toluene, TXIB, Xylene | Violet Blue, Liquid | 30 | 5 |
| 1993 | 205-250-6 | Toluene | Violet Blue, Liquid | 30 | 5 |
| 1993 | 205-250-6 | Toluene | Violet Blue, Liquid | 30 | 5 |
| 1993 | 205-250-6 | Toluene | Light Blue, Liquid | 30 | 5 |
| 1993 | 205-250-6 | Toluene | Violet Blue, Liquid | 30 | 5 |
| 1993 | 205-250-6 | Toluene | Violet Blue, Liquid | 30 | 5 |
| | | | | Ts max.(°C) | Ts min.(°C) |
| 3082 | 205-250-6; 265-150-3 | Special Mineral Spirit | Blue-Light Purple, Liquid | 30 | 5 |
| | | | | | |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| 1993 | 205-250-6 | Aromatic Solvent | Dark Blue | 30 | 5 |
| | | | | | |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| 1993 | 205-250-6; 204-493-5 | White Spirit | Bright Blue, Liquid | 30 | 5 |
| | | | | | |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| 2253 | 204-493-5 | TXIB | Yellowish, Foggy | 30 | 5 |
| 2253 | 204-493-5 | - | Yellowish, Transparent | 30 | 5 |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| - | 221-359-1 | - | Yellowish, Liquid to Waxy | 30 | 5 |
| | | | | | |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| 2810 | 202-805-4 | - | Clear Light Yellow to Light Brown, Liquid | 30 | 5 |
| | | | | | |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| 2811 | 254-075-1 | - | Colourless to Yellow, Pasty | 30 | 5 |
| | | | | | |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| 1760 | 202-653-9 | Aliphatic Ester | Yellowish, Clear, Liquid | 30 | 5 |
| | | | | | |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| 3261 | 202-653-9 | - | White, Creamy Flakes | 30 | - |
| | | | | | |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| 2310 | 204-634-0 | - | Colorless, Transparent, Liquid | 25 | 5 |
| | | | | | |
| | | | | | |
| | | | | Ts max.(°C) | Ts min.(°C) |
| - | 221-625-7 | DEG | Clear, Transparent, Liquid | 40 | 15 |
| | | | | | |
| | | | | | |

Applications

| Applications | | | | | | | | | | | | | ACCELERATORS | | | | | | |
|----------------------|---------|--------|-----------------|---------|---------|-----------------------|--------------------------|-----|---------------------|-----------------------|------------------|--------------------|--------------|---------|------------------|----------|------|-------------|------|
| PRODUCT NAME | Putties | Button | Anchor and Bolt | Coating | Gelcoat | Hand Lay Up, Spray Up | Polymer Concrete, Marble | RTM | Centrifugal Casting | Continuous Laminating | Filament Winding | Hot Press Moulding | Pultrusion | Acrylic | Vinylester Resin | SMC, BMC | PMMA | Polystyrene | PAGE |
| AKCOBALT® 12% | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® 10% | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® 8% | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® 6% | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® 4% | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® 2% | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® 1% | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® 0,5% | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® KXC6 | | ● | | ● | | | ● | | | | | | | | | | | | 26 |
| AKCOBALT® KXC8 | | ● | | ● | | | ● | | | | | | | | | | | | 26 |
| AKCOBALT® KXC10W | | ● | | ● | | | ● | | | | | | | | | | | | 26 |
| AKCOBALT® KXC12W | | ● | | ● | | | ● | | | | | | | | | | | | 26 |
| AKCOBALT® SR6 | | ● | | ● | | | ● | | | | | | | | | | | | 26 |
| AKCOBALT® CX60-D | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® RC88 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | 26 |
| AKCOBALT® DX3 | | ● | | ● | ● | ● | ● | ● | ● | ● | ● | | | | ● | | | | 26 |
| AKQUICK® T10 | ● | | ● | | | | | | | | | | | | | | | | 26 |
| AKQUICK® T100 | ● | | ● | | | | | | | | | | | | | | | | 26 |
| AKQUICK® T150 | | | | ● | | | | | | | | | | ● | ● | | ● | | 26 |
| AKQUICK® T300 | | ● | | ● | ● | ● | ● | ● | ● | ● | ● | | | | ● | | | | 26 |
| AKQUICK® T400 | | | | ● | | | | | | | | | | ● | ● | | ● | | 26 |
| AKQUICK® T500 | | | | | | | | | | | ● | | | | | ● | | | 26 |
| AKPEROX® TBC | | | | | | | | | | | | | | | | | | | 26 |
| AKPROMOTER P100 | | | | | | | | | | | | | | | | | ● | ● | 26 |
| AKDRY® K Octoate 15% | | | | | | | | | | | | | | | | | | | 26 |

● Recommended application
 ● Possible application

COMPOSITE APPLICATIONS



AKPEROX BP50 F



AKPEROX A9H



AKPEROX



AKPEROX A50



AKPEROX A60



Paint Driers



Applications

Industrial

Architectural

Wood

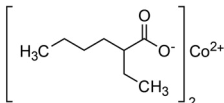
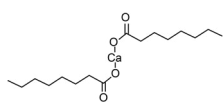
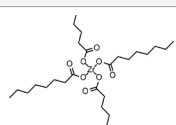
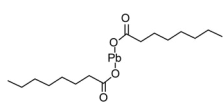
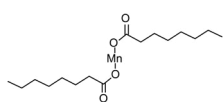
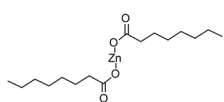
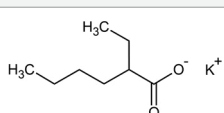
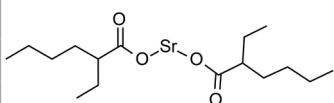
Car Refinish

Marine

Ink



PAINT DRIERS

| PRODUCT NAME | MOLECULAR FORMULA | METAL CONTENT (%) | PHYSICAL FORM | STORAGE TEMPERATURES | |
|--------------------------|---|-----------------------|--------------------------------|----------------------|-------------|
| | | | | Ts max.(°C) | Ts min.(°C) |
| AKDRY® Co Octoate | | 12, 10, 8, 6, 4, 2, 1 | Dark Purple, Liquid | 25 | 20 |
| |  | | | | |
| AKDRY® Ca Octoate | | 10, 6, 5, 4 | Yellowish, Transparent, Liquid | 25 | 20 |
| |  | | | | |
| AKDRY® Zr Octoate | | 24, 18, 16, 12, 10, 6 | Clear, Transparent, Liquid | 25 | 20 |
| |  | | | | |
| AKDRY® Pb Octoate | | 36, 32, 30, 24 | Clear, Transparent, Liquid | 25 | 20 |
| |  | | | | |
| AKDRY® Mn Octoate | | 10, 8, 6 | Brown, Liquid | 25 | 20 |
| |  | | | | |
| AKDRY® Zn Octoate | | 18, 16, 12, 10, 8, 6 | Clear, Transparent, Liquid | 25 | 20 |
| |  | | | | |
| AKDRY® K Octoate | | 15, 10 | Clear, Liquid | 25 | 20 |
| |  | | | | |
| AKDRY® Sr Octoate | | 10, 8, 6 | Transparent, Liquid | 25 | 20 |
| |  | | | | |
| AKDRY® CT39 | | - | Violet Blue, Liquid | 25 | 20 |
| AKDRY® HP39 | | - | Transparent, Liquid | 25 | 20 |
| AKDRY® MIX - 1 | | 1, 8, 6 | Violet Blue, Liquid | 25 | 20 |
| AKDRY® MIX - 2 | | 2, 8, 6 | Violet Blue, Liquid | 25 | 20 |
| AKDRY® MIX - 3 | | 3, 8, 6 | Violet Blue, Liquid | 25 | 20 |
| AKDRY® MIX D | | - | Red-Brown, Liquid | 25 | 20 |
| AKDRY® MIX D15 | | 15 | Dark Purple, Liquid | 25 | 20 |
| AKDRY® MIX D34 | | 8,8 | Violet Blue, Liquid | 25 | 20 |
| AKDRY® MIX Z59 | | 10,2 | Violet Blue, Liquid | 25 | 20 |

- **Acids:** 2-EHA, Neodecanoic.
- **Solvents:** White Spirit, D 60, D 80, Toluene, Xylene, Styrene, TXIB.
- **Packaging:** 25 & 50 lt Pails, 200 lt Metal Drums, 1000 lt IBC's.
- **Mixed Driers:** Tailor Made blends available.

PAINT INDUSTRY APPLICATIONS



AKDRY



AKDRY



AKDRY



AKDRY



AKDRY



ORGANIC PEROXIDES

| PRODUCT NAME | DESCRIPTION | PRODUCT CODE | PAGE |
|---|---|---------------------------|------|
| AKPEROX® A1 | Solution of methyl ethyl ketone peroxide in dimethyl phthalate. | [MEKP] | 8 |
| AKPEROX® A2 | Solution of methyl ethyl ketone peroxide in dimethyl phthalate. | [MEKP] | 8 |
| AKPEROX® A5R | Methyl ethyl ketone peroxide phthalate free solution in special mineral solvent. | [MEKP] | 8 |
| AKPEROX® A6R | Methyl ethyl ketone peroxide phthalate free solution in special mineral solvent. | [MEKP] | 8 |
| AKPEROX® A10 | Solution of methyl ethyl ketone peroxide in dimethyl phthalate. | [MEKP] | 8 |
| AKPEROX® A30 | Solution of methyl ethyl ketone peroxide in dimethyl phthalate. | [MEKP] | 8 |
| AKPEROX® A50 | Solution of methyl ethyl ketone peroxide in dimethyl phthalate. | [MEKP] | 8 |
| AKPEROX® A50G | Solution of methyl ethyl ketone peroxide in dimethyl phthalate. | [MEKP] | 8 |
| AKPEROX® A50 PF (phthalate free) | Methyl ethyl ketone peroxide solution in special mineral solvent. | [MEKP] | 8 |
| AKPEROX® A60 | Solution of methyl ethyl ketone peroxide in dimethyl phthalate. | [MEKP] | 8 |
| AKPEROX® A60G | Solution of methyl ethyl ketone peroxide in dimethyl phthalate. | [MEKP] | 8 |
| AKPEROX® A60 PF (phthalate free) | Methyl ethyl ketone peroxide solution in special mineral solvent. | [MEKP] | 8 |
| AKPEROX® A9CL | Methyl ethyl ketone peroxide in 2,4,4-trimethyl-1,3-pentanediol diisobutyrate. | [MEKP] | 8 |
| AKPEROX® A9H | Methyl ethyl ketone peroxide in 2,4,4-trimethyl-1,3-pentanediol diisobutyrate. | [MEKP] | 8 |
| AKPEROX® A9LP | Methyl ethyl ketone peroxide in 2,4,4-trimethyl-1,3-pentanediol diisobutyrate. | [MEKP] | 8 |
| AKPEROX® A239 | Cumyl hydroperoxide 45% in solvent mixture. | [CUHP] | 10 |
| AKPEROX® A249 | Methyl ethyl ketone peroxide / Cumyl hydroperoxide. | [MIXMEKP] | 10 |
| AKPEROX® AAP | Acetylacetone peroxide solution in diacetone alcohol. | [AAP] | 8 |
| AKPEROX® BP15 PASTE * | DiBenzoyl peroxide, paste, 15% in plasticizer. | [BP] | 10 |
| AKPEROX® BP17 PASTE | DiBenzoyl peroxide, paste, 17% in plasticizer. | [BP] | 10 |
| AKPEROX® BP20 PASTE * | DiBenzoyl peroxide, paste, 20% in plasticizer. | [BP] | 10 |
| AKPEROX® BP25 PASTE * | DiBenzoyl peroxide, paste, 25% in plasticizer. | [BP] | 10 |
| AKPEROX® BP50 PASTE * | DiBenzoyl peroxide, paste, 50% in plasticizer. | [BP] | 10 |
| AKPEROX® BP50 PF PASTE (phthalate free) * | DiBenzoyl peroxide, paste, 50% phthalate free in plasticizer. | [BP] | 10 |
| AKPEROX® BP50 POWDER | DiBenzoyl peroxide, 50% powder with plasticizer. | [BP] | 10 |
| AKPEROX® BP50 PF POWDER (phthalate free) | DiBenzoyl peroxide, powder, 50% phthalate free in plasticizer. | [BP] | 10 |
| AKPEROX® BP55 B PASTE * | DiBenzoyl peroxide, paste, 55% in plasticizer. | [BP] | 10 |
| AKPEROX® BP55 PF PASTE (phthalate free)* | DiBenzoyl peroxide, paste, 55% phthalate free in plasticizer. | [BP] | 10 |
| AKPEROX® BP75 POWDER | DiBenzoyl peroxide, 75% powder with water. | [BP] | 10 |
| AKPEROX® BU50 | 2,2-Di-(tert-butylperoxy)-butane. | [BU] | 12 |
| AKPEROX® C45 | Cumyl hydroperoxide 45% solution in aromatic solvent mixture. | [CUHP] | 10 |
| AKPEROX® C50 | Cumyl hydroperoxide 50% solution in aromatic solvent mixture. | [CUHP] | 10 |
| AKPEROX® C80 | Cumyl hydroperoxide 80% solution in aromatic solvent mixture. | [CUHP] | 10 |
| AKPEROX® C90 | Cumyl hydroperoxide. | [CUHP] | 10 |
| AKPEROX® CAP33 | Mixture of acetylacetone peroxide and cumyl hydroperoxide. | [MIXTYPE] | 10 |
| AKPEROX® CH50 | 50% 1,1-Di-(tert-butylperoxy) cyclohexane. | [CH] | 12 |
| AKPEROX® CH80 | 80% 1,1-Di-(tert-butylperoxy) cyclohexane. | [CH] | 12 |
| AKPEROX® CMP50 | Mixture of methyl ethyl ketone peroxide and cumyl hydroperoxide. | [MIXTYPE] | 10 |
| AKPEROX® CMP75 | Mixture of methyl ethyl ketone peroxide and cumyl hydroperoxide. | [MIXTYPE] | 10 |
| AKPEROX® CS | tert-Butyl peroxy-3,5,5-trimethylhexanoate 90% with acetylacetone. | [TBPIN] | 8 |
| AKPEROX® DCLBP | Di(2,4-dichlorobenzoyl) peroxide 50%, desensitised with silicone oil. | [DCLBP] | 12 |
| AKPEROX® DCP | Dicumyl peroxide. | [DCP] | 10 |
| AKPEROX® ER11 | Methyl ethyl ketone peroxide and acetylacetone peroxide in solvent mixture. | [MIXTYPE] | 8 |
| AKPEROX® ER14 | Methyl ethyl ketone peroxide and acetylacetone peroxide in solvent mixture. | [MIXTYPE] | 8 |
| AKPEROX® ER33 | Methyl ethyl ketone peroxide and acetylacetone peroxide in solvent mixture. | [MIXTYPE] | 8 |
| AKPEROX® ER34 | Methyl ethyl ketone peroxide and acetylacetone peroxide in solvent mixture. | [MIXTYPE] | 8 |
| AKPEROX® ER37 | Methyl ethyl ketone peroxide and acetylacetone peroxide in solvent mixture. | [MIXTYPE] | 8 |
| AKPEROX® ER55 | Mixture of tert-butyl peroxybenzoate and methyl ethyl ketone peroxide. | [MIXTYPE] | 10 |
| AKPEROX® ER59 | tert-Butyl peroxybenzoate and acetylacetone peroxide solution in diacetone alcohol. | [MIXTYPE] | 10 |
| AKPEROX® ER60 FW | tert-Butyl peroxybenzoate and acetylacetone peroxide solution in diacetone alcohol. | [MIXTYPE] | 10 |
| AKPEROX® ER73 | Methyl ethyl ketone peroxide and acetylacetone peroxide in solvent mixture. | [MIXTYPE] | 8 |
| AKPEROX® HC9 | tert-Butyl peroxybenzoate, 80% solution with acetylacetone. | [TBPB] | 8 |
| AKPEROX® HC10 | tert-Butyl peroxybenzoate, 90% solution with acetylacetone. | [TBPB] | 8 |
| AKPEROX® HC75 | tert-Butyl peroxybenzoate, 75% solution with acetylacetone. | [TBPB] | 8 |
| AKPEROX® L40S | Dibenzoyl peroxide liquid dispersion. | [BP] | 10 |
| AKPEROX® L40WE | Dibenzoyl peroxide 40% suspension in water. | [BP] | 10 |
| AKPEROX® LPT | Solution of methyl ethyl ketone peroxide in diisobutyl phthalate. | [MEKP] | 8 |
| AKPEROX® LPT-N | Solution of methyl ethyl ketone peroxide in diisononyl phthalate. | [MEKP] | 8 |
| AKPEROX® MIKP | Methyl isobutyl ketone peroxide in isododecane. | [MIKP] | 8 |
| AKPEROX® MIKP-S | Methyl isobutyl ketone peroxide in isododecane. | [MIKP] | 8 |
| AKPEROX® PK295 D50 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 50% solution in mineral spirits. | [TMCH] | 12 |
| AKPEROX® PK295 D90 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 90% solution in mineral spirits. | [TMCH] | 12 |
| AKPEROX® PK295 S50 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 50% solution in isododecane. | [TMCH] | 12 |
| AKPEROX® PK295 S75 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 75% solution in isododecane. | [TMCH] | 12 |
| AKPEROX® PK295 S90 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 90% solution in isododecane. | [TMCH] | 12 |
| AKPEROX® ZZ350 | Mixture of acetylacetone peroxide and t-amyl-peroxy-3,5,5-trimethylhexanoate. | [MIXTYPE] | 8 |
| EFOX® 20 | Di-tert-butyl peroxide. | [DTBP] | 12 |
| EFOX® 20 S50 | Di-tert-butyl peroxide, 50% solution in isododecane. | [DTBP] | 12 |
| EFOX® 30 | tert-Butyl peroxybenzoate. | [TBPB] | 12 |
| EFOX® 60 | tert-Butyl peroxy-3,5,5-trimethylhexanoate. | [TBPIN] | 12 |
| EFOX® 90 | tert-Butyl peroxy-2-ethylhexyl carbonate. | [TBPEHC] | 12 |
| EFOX® 131 | tert-Amyl peroxy 2-ethylhexyl carbonate. | [TAPEHC] | 12 |
| RED CATALYST DYE | Peroxide dye concentrate. | [DYE] | 12 |

* Different colors should be produced if requested.

POLYMERIZATION INITIATORS

| PRODUCT NAME | DESCRIPTION | PRODUCT CODE | PAGE |
|--------------------|---|--------------|------|
| AKPEROX® CAT K | Bis 3,5,5-trimethylhexanoyl 75% solution in isododecane. | [INP] | 20 |
| AKPEROX® CAT K S50 | Bis 3,5,5-Trimethylhexanoyl 50% solution in isododecane. | [INP] | 20 |
| AKPEROX® CAT K W50 | Di(3,5,5-trimethylhexanoyl) peroxide 50% in water and methanol. | [INP] | 20 |
| AKPEROX® EHP60 | Di(2-ethylhexyl) peroxydicarbonate, 60% aqueous emulsion in water and methanol. | [EHPC] | 20 |
| AKPEROX® EHP65 | Di(2-ethylhexyl) peroxydicarbonate 65% solution in mineral spirit. | [EHPC] | 20 |
| AKPEROX® EHP75W | Di(2-ethylhexyl) peroxydicarbonate 75% solution in mineral spirit. | [EHPC] | 20 |
| AKPEROX® PK295 D50 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 50% solution in mineral spirits. | [TMCH] | 20 |
| AKPEROX® PK295 D90 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 90% solution in mineral spirits. | [TMCH] | 20 |
| AKPEROX® PK295 S50 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 50% solution in isododecane. | [TMCH] | 20 |
| AKPEROX® PK295 S75 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 75% solution in isododecane. | [TMCH] | 20 |
| AKPEROX® PK295 S90 | 1,1-Di(tert-butylperoxy)-3,3,5-trimethylcyclohexane, 90% solution in isododecane. | [TMCH] | 20 |
| AKPEROX® TAHP 85 | tert-Amyl hydroperoxide 85% solution in water. | [TAHP] | 20 |
| AKPEROX® TBHP 70 | tert-Butyl hydroperoxide 70% solution in water. | [TBHP] | 20 |
| AKPEROX® TBHP 80 | tert-Butyl hydroperoxide 80% solution in water. | [TBHP] | 20 |
| EFOX® 10 | tert-Butyl peroxy-2-ethylhexanoate. | [TBPEH] | 18 |
| EFOX® 10 S30 | tert-Butyl peroxy-2-ethylhexanoate 30% solution in isododecane. | [TBPEH] | 18 |
| EFOX® 10 S50 | tert-Butyl peroxy-2-ethylhexanoate 50% solution in isododecane. | [TBPEH] | 18 |
| EFOX® 10 S90 | tert-Butyl peroxy-2-ethylhexanoate 90% solution in isododecane. | [TBPEH] | 18 |
| EFOX® 20 | Di-tert-butyl peroxide. | [DTBP] | 18 |
| EFOX® 20 S30 | Di-tert-butyl peroxide 30% solution in isododecane. | [DTBP] | 18 |
| EFOX® 20 S50 | Di-tert-butyl peroxide 50% solution in isododecane. | [DTBP] | 18 |
| EFOX® 20 S500 | Di-tert-butyl peroxide. | [DTBP] | 18 |
| EFOX® 30 | tert-Butyl peroxybenzoate. | [TBPB] | 18 |
| EFOX® 50 | tert-Butyl peroxy-pivalate 75% . | [TBPP] | 18 |
| EFOX® 50 S25 | tert-Butyl peroxy-pivalate 25% solution in isododecane. | [TBPP] | 18 |
| EFOX® 60 | tert-Butyl peroxy -3,5,5-trimethylhexanoate. | [TBPIN] | 18 |
| EFOX® 60 S30 | tert-Butyl peroxy-3,5,5-trimethylhexanoate 30% solution in isododecane. | [TBPIN] | 18 |
| EFOX® 70 | tert-Amyl peroxy-2-ethylhexanoate. | [TAPEH] | 18 |
| EFOX® 80 | tert-Amyl peroxy-pivalate 75% . | [TAPP] | 18 |
| EFOX® 90 | tert-Butyl peroxy-2-ethylhexyl carbonate. | [TBPEHC] | 18 |
| EFOX® 99 S75 | Cumyl peroxyneodecanoate 75% solution in odorless mineral spirits. | [CUPND] | 18 |
| EFOX® 100 | tert-Butyl peroxyneodecanoate. | [TBPND] | 18 |
| EFOX® 100 S75 | tert-Butyl peroxyneodecanoate 75% in isododecane. | [TBPND] | 18 |
| EFOX® 101 | 2,5-Dimethyl-2,5-di(tert-butylperoxy) hexane. | [DHBP] | 18 |
| EFOX® 131 | tert-Amylperoxy 2-ethylhexyl carbonate. | [TAPEHC] | 20 |
| EFOX® BPIC S75 | tert-Butyl peroxy isopropyl carbonate 75% solution in odorless mineral spirits. | [TBPIC] | 20 |
| EFOX® DTAP | Di-tert-amyl peroxide. | [DTAP] | 20 |
| EFOX® DTAP S85 | Di-tert-amyl peroxide. | [DTAP] | 20 |
| EFOX® LP | Dilauroyl peroxide flakes. | [LP] | 20 |
| EFOX® LP Special | Dilauroyl peroxide powder. | [LP] | 20 |
| EFOX® MyPC | Dimyristyl peroxydicarbonate. | [MYPC] | 20 |
| EFOX® T801 | tert-Butyl cumyl peroxide. | [TBCUP] | 20 |

ACCELERATORS

| PRODUCT NAME | DESCRIPTION | PRODUCT CODE | PAGE |
|-----------------------------------|---|--------------|------|
| AKCOBALT® 0,5% | Cobalt(II) 2-ethylhexanoate in the desired solvent. | [Co] | 26 |
| AKCOBALT® 1% | Cobalt(II) 2-ethylhexanoate in the desired solvent. | [Co] | 26 |
| AKCOBALT® 2% | Cobalt(II) 2-ethylhexanoate in the desired solvent. | [Co] | 26 |
| AKCOBALT® 4% | Cobalt(II) 2-ethylhexanoate in the desired solvent. | [Co] | 26 |
| AKCOBALT® 6% | Cobalt(II) 2-ethylhexanoate in the desired solvent. | [Co] | 26 |
| AKCOBALT® 8% | Cobalt(II) 2-ethylhexanoate in the desired solvent. | [Co] | 26 |
| AKCOBALT® 10% | Cobalt(II) 2-ethylhexanoate in the desired solvent. | [Co] | 26 |
| AKCOBALT® 12% | Cobalt(II) 2-ethylhexanoate in the desired solvent. | [Co] | 26 |
| AKCOBALT® CX60-D | Cobalt(II) 2-ethylhexanoate in the special mineral spirit. | [Co] | 26 |
| AKCOBALT® DX3 | Cobalt(II) 2-ethylhexanoate and N,N dimethylaniline solution in aliphatic hydrocarbons. | [Co] | 26 |
| AKCOBALT® KXC6 | Cobalt(II) 2-ethylhexanoate in toluene. | [Co] | 26 |
| AKCOBALT® KXC8 | Cobalt(II) 2-ethylhexanoate in toluene. | [Co] | 26 |
| AKCOBALT® KXC10W | Cobalt(II) 2-ethylhexanoate in toluene. | [Co] | 26 |
| AKCOBALT® KXC12W | Cobalt(II) 2-ethylhexanoate in toluene. | [Co] | 26 |
| AKCOBALT® RC88 (colorless cobalt) | Cobalt(II) ethylhexanoate and metallic salt in aromatic solvent. | [Co] | 26 |
| AKCOBALT® SR6 | Cobalt(II) 2-ethylhexanoate in toluene. | [Co] | 26 |
| AKDRY® K Octoate 15% | Potassium octoate. | [K] | 26 |
| AKPEROX® TBC | 4-tert-butylpyrocatechol 100% flakes consist of white-creamy flakes. | [TBC] | 26 |
| AKPROMOTER P100 | Acetylacetone 99%, 2,4 pentadione. | [AA] | 26 |
| AKQUICK® T10 | N,N Dimethylaniline in 10% solvent. | [DMA] | 26 |
| AKQUICK® T100 | N,N Dimethylaniline min 99% . | [DMA] | 26 |
| AKQUICK® T150 | Diethanol-para-toluidine. | [DEPT] | 26 |
| AKQUICK® T300 | N,N-Dimethyl-p-toluidine. | [DMPT] | 26 |
| AKQUICK® T400 | Diisopropanol-p-toluidine. | [DIPT] | 26 |
| AKQUICK® T500 | 4-tert-Butyl-1,2-dihydroxy benzene 10% solution in aliphatic ester. | [TBC] | 26 |

PAINT DRIERS

| PRODUCT NAME | METAL (%) | PAGE |
|-------------------|-----------------------|------|
| AKDRY® Ca Octoate | 10, 6, 5, 4 | 32 |
| AKDRY® Co Octoate | 12, 10, 8, 6, 4, 2, 1 | 32 |
| AKDRY® K Octoate | 15, 10 | 32 |
| AKDRY® Mn Octoate | 10, 8, 6 | 32 |
| AKDRY® Pb Octoate | 36, 32, 30, 24 | 32 |
| AKDRY® Sr Octoate | 10, 8, 6 | 32 |
| AKDRY® Zn Octoate | 18, 16, 12, 10, 8, 6 | 32 |
| AKDRY® Zr Octoate | 24, 18, 16, 12, 10, 6 | 32 |
| AKDRY® CT39 | | 32 |
| AKDRY® HP39 | | 32 |
| AKDRY® MIX - 1 | 1, 8, 6 | 32 |
| AKDRY® MIX - 2 | 2, 8, 6 | 32 |
| AKDRY® MIX - 3 | 3, 8, 6 | 32 |
| AKDRY® MIX D | | 32 |
| AKDRY® MIX D15 | 15 | 32 |
| AKDRY® MIX D34 | 8,8 | 32 |
| AKDRY® MIX Z59 | 10,2 | 32 |



**ORGANIC PEROXIDES, INITIATORS
PAINT DRIERS**

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