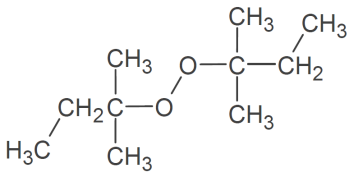
PEROXAN DA

Dialkyl peroxide / Curing

Description

Di-tert-amyl peroxide
93%, Liquid

PEROXAN DA is used for the curing of unsaturated polyester resins and polymerization of styrene alkyde mixtures.



Molecular weight:	**174.3**
CAS No.:	**10508-09-5**

Technical data

Appearance:	**clear liquid**
Peroxide assay:	**min. 93%**
Active oxygen assay:	**min. 8.53%**
Density at 20°C:	**0.82 g/cm³**

Solubility

not determined

Storage

Maximum storage temperature (Ts max):	**30°C**
Storage stability as from date of delivery:	**6 months**

Hazardous reactions

Keep packaging tightly closed in a well ventilated place at indicated storage temperature. Keep away from reducing agents e.g. amines, acids, alkalis, heavy metal compounds (e.g. accelerators, driers, metal soaps). Never weigh out in storage room.

Oxidizing agent. Decomposes violently under the influence of heat or by contact with reducing agent. Never mix with accelerators.

Organic Peroxides are more or less stable products but will decompose under the influence of heat. To minimize a loss of quality during storage, it is important that the recommended maximum storage temperature is not exceeded. If a minimum storage temperature is given, an undesirable process such as a solidification or phase separation, is known to occur below this temperature.

Safety characteristics

SADT:	75°C

The SADT (Self Accelerating Decomposition Temperature) is the lowest temperature at which a self accelerating decomposition may occur.

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Application	PEROXAN DA is used for the curing of unsaturated polyester resins at elevated temperatures, in the temperature range from 120° to 160°C. Furthermore, PEROXAN DA is used in polymerization of alkyde styrene resins. Depending on working conditions, the following peroxide dosage level is recommended: PEROXAN DA: 1,0 to 1,5 phr
Packaging	**20kg container**
Major decomposition products	**Methane, tert Amyl-alcohol**
Safety and handling	Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of PEROXAN DA. This information should be thoroughly reviewed prior to acceptance of this product. The MSDS is available for downloading at **www.pergan.com** or through contacting Pergan directly.

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